MAY 2004 through JULY 2004 STATUS REPORT

Volume I of II: Report

COLISEUM BOULEVARD PLUME INVESTIGATION

DEPARTMENT OF TRANSPORTATION

September 21, 2004

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

May 2004 through July 2004
Status Report

Water Level Measurements

- July 1, 2, and 6, 2004: Depths to ground water were measured in piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation. Ground-water elevations on July 1, 2, and 6, 2004, are provided in Tables 1a through 1f. Ground-water elevations on July 1, 2, and 6, 2004, in the 100- and 200-series "shallow zone" monitoring wells and piezometers are shown on Figures 1 and 2, respectively.

  Depths to ground water also were measured in continuous multi-channel tubing (CMT) wells 1 through 7 (see Table 2) on July 8, 2004. The water level in CMT 4-7 was not measured on July 8, 2004, because of an obstruction in the port that prevented the water level indicator cable from freely advancing through the port. The water levels also, were not measured in CMT 3-1, CMT 3-7, and CMT 4-1 on July 8, 2004, because the well was dry.

- July 29, 2004: Depths to ground water in monitoring wells MW-101, MW-113, MW-115, MW-130, MW-131 and piezometer PZ-17 were downloaded from mini troll data loggers installed inside of these wells. The data (depths to water) from the data loggers are downloaded quarterly. The batteries were replaced in each data logger on May 4, 2004.

Annual Sampling Event (Addendum 13 Work Plan)

- On May 20, 2003, an addendum (Addendum 13) was submitted to the Alabama Department of Environmental Management (ADEM) to modify the ground-water sampling program based on review of analytical data from a full year of monitoring. Concentrations of detected volatile organic compounds (VOCs) had shown very little fluctuation over the preceding year. The alternate monitoring program was approved by the ADEM on August 8, 2003 and is outlined as follows:

  - monitoring wells located in the Probehole 12 and Kilby Ditch areas will be sampled each quarter,
  - wells located around the perimeter of the plume (designated "Perimeter Wells") and the deep zone wells will be sampled annually, and
  - wells outside of the Probehole 12 and Kilby Ditch areas, but interior to the plume (designated "Interior Wells") will be sampled semi-annually. The

annual and semi-annual events will be staggered to account for variations of the seasons.

The sampling event conducted in July 2004 comprised an annual event which included sampling all monitoring wells at the Coliseum Boulevard Plume site.

- July 6 through July 26, 2004: During the annual event of the approved monitoring program, ground-water samples were collected from all 85 wells located at the Coliseum Boulevard Plume site. These 85 monitoring wells were sampled and analyzed for VOCs, total alkalinity, chloride, nitrate, nitrite, and sulfate by **TTL**'s laboratory and for methane, ethane, and ethene by STL in Burlington, Virginia. The ground-water samples also were measured in the field for ferrous iron and total iron using a CHEMetrics VVR photometer®. The results of the analyses of detected VOCs in the ground-water samples collected from the monitoring wells are provided in Table 3. The results of the analyses for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene in the ground-water samples are provided in Table 4. The concentrations of detected VOCs in ground-water samples collected from the monitoring wells are shown on Plate 1. Laboratory reports of the results of the analyses of the ground-water samples collected during the month of July 2004 are provided on the attached compact disc - recordable (CD-R).

  Prior to sample collection, the monitoring wells were purged using a bladder pump until field parameters (pH, conductivity, and turbidity) stabilized. Temperature and redox (ORP) were also measured in the field. The field parameter measurements during purging of the monitoring wells in the month of July 2004 are provided on the Monitoring Well Sampling Forms on the attached CD-R.

- July 8, 12, 13, 15, 16, 21, and 22, 2004: Ground-water samples were collected from 13 monitoring wells (MW-2A, MW-3A, MW-106, MW-107, MW-130, MW-131, MW-206, MW-207, MW-223, MW-225, MW-228, MW-230, and MW-231) and analyzed for total organic carbon (TOC). The results of these analyses are provided in Table 5. Laboratory reports of the results of the analyses for TOC in the ground-water samples collected during the month of July 2004 are provided on the attached CD-R.

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

- July 26 through July 30, 2004: Ground-water samples were collected from CMT wells 1, 2, 3 and 4. Prior to the collection of the ground-water samples on July 26 through July 30, 2004, the depth to water was measured in each port with the exception of, CMT 3-1, CMT 3-7, CMT 4-1, and CMT 4-7. Ground-water samples were not collected

from CMT 3-1, CMT 3-7, and CMT 4-1 due to the lack of sufficient water in the CMT ports. The depth to water was measured in CMT 1-4 on July 8, 2004; however, a ground-water sample could not be collected from this port due to the lack of sufficient water in the port on July 27, 2004. The depth to water could not be measured in CMT 4-7 on July 8 or 29, 2004, because of an obstruction in the port that prevented the water level indicator cable from freely advancing through the port. After measuring depths to water, each port was purged using a peristaltic pump until field parameters (pH, conductivity, and turbidity) stabilized. Ground-water samples also were measured in the field for temperature, oxidation-reduction potential [redox (ORP)], ferrous iron [Fe (II)] and total iron. Approximately 6 to 16 gallons of water were removed from each of the CMT ports prior to sample collection. During sample collection, the tubing from the pump was disconnected and withdrawn from the port. The water samples were collected by draining the water from the bottom end of the tubing (end previously inside the port) into the sample containers. The ground-water samples were analyzed for VOCs, total alkalinity, chloride, nitrate, nitrite, and sulfate by **TTL**'s laboratory and for methane, ethane, and ethene by STL. Results of analyses of detected VOCs in the ground-water samples collected from the CMT wells are provided in Table 6. The results of the analyses for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided in Table 7. Laboratory reports of these analyses and copies of monitoring well sampling forms are provided on the attached CD-R.

Surface Water Sampling

- July 15, 2004: Surface water samples were collected from the west and main branches of Kilby Ditch at five locations (compliance points CP-1, CP-2, CP-3, and monitoring points MP-1 and MP-2). The surface water samples were collected at each location from the central part of the ditch. Figure 3 shows the locations of these five sampling points. The water samples were placed on ice and transported to **TTL**'s laboratory for analyses for VOCs. Results of analyses of detected VOCs are provided in Table 8. The laboratory reports for the VOC analyses of the surface water samples are provided on the attached CD-R. During sample collection, the water samples also were measured for temperature, pH, conductivity, dissolved oxygen, and turbidity (see Table 9).

  On July 15, 2004, compliance point water samples CP-1, CP-2, and CP-3 contained 17.5J μg/L (micrograms per liter), 6.2J μg/L, and 2.4J μg/L of trichloroethylene (TCE), respectively. The J-flag associated with the concentration means the concentration is below the calibration curve, but above the detection limit. The TCE concentrations detected in the samples collected from CP-1, CP-2 and CP-3 on July 15, 2004, are below the action level concentration of 175 μg/L for TCE in surface water.

Surface water samples at locations MP-1 and MP-2 contained TCE (89.3 μg/L and 28.3 μg/L, respectively) on July 15, 2004. There also was detection (3.6J μg/L) of cis-1, 2-Dichloroethene and 1,1-Dichloroethene (2.2J μg/L) at MP-1 on July 15, 2004.

Water Treatment

- July 22, 2004: Water accumulated during cleaning of sampling equipment, purging and sampling of monitoring wells, was treated through a liquid-phase carbon filter treatment system at the ALDOT staging area. A total of 1,229 gallons of water was treated in July (see Table 10). The treated water was discharged into the sanitary sewer at the staging area. During treatment of the water, samples were collected from water discharged from the first carbon filter to monitor for breakthrough and the third carbon filter to monitor for compliance with the Montgomery Water Works and Sanitary Sewer Board discharge requirements. The water samples were submitted for VOC analyses. Results of analyses of detected VOCs and volumes of treated water are provided in Table 10. Laboratory reports of the analytical results for samples collected in July 2004 are on the attached CD-R.

Low – Lying Area (Addendum 04 Work Plan)

- July 26, 2004: On July 26, 2004, soil/sediment samples were collected at depths ranging from 8 inches to 12 inches below land surface at eight "low-lying area" locations identified as locations I through P (see Figure 5). Surface water samples also were collected at these locations, with the exception of location M because surface water was not present on July 26, 2004 (see Figure 6). Results of the analyses for VOCs in the soil/sediment and surface water samples collected on July 26, 2004, are provided in Tables 11 and 12, respectively. Laboratory reports of these analyses are provided on the attached CD-R.

Quality Assurance/Quality Control

- During the July 2004 annual ground-water sampling event, duplicate ground-water samples were collected from monitoring wells MW-2A, MW-4A, MW-106, MW-115, MW-122, MW-124, MW-209, MW-216, and MW-229 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 3 and 4). Ground-water samples also were collected from MW-5A, MW-102,

MW-108, MW-113, MW-116, MW-130, MW-135A, MW-207, and MW-228 and shipped to **TTL**'s laboratory to be analyzed for total iron for quality assurance/quality control purposes (see Table 7). Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs in July 2004. Results of analyses of detected VOCs in the rinse and trip blank samples for July 2004 are provided in Table 13. 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; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (ALDOT Central Complex)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	
	218.42	218.76	211.01	213.79	218.06	218.76	217.97	218.62	216.97	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	197.42	197.71	197.38	197.17	196.84	196.58	196.91	197.54	197.59	
10/1-3/03	197.32	197.49	197.17	196.95	196.71	196.57	196.73	197.50	197.44	
1/26-28/04	196.31	196.45	196.27	196.06	195.74	195.53	195.81	196.48	196.33	
4/22-23/04	196.51	196.74	196.38	196.18	195.89	195.63	195.95	196.69	196.66	
7/1-6/04	196.53	196.66	196.45	196.24	195.93	195.68	195.99	196.62	196.47	

Notes:

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

Table 1b. Ground-water elevations in piezometers during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers)									
Elevation of Measuring Point (ft. AMSL)[1]	PZ-1	PZ-2	PZ-3	PZ-4	PZ-5	PZ-7	PZ-8	PZ-9	PZ-10	PZ-11
	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)									
7/28-30/03	197.87	197.58	197.47	191.57	197.41	197.51	197.19	195.23	196.61	191.13
10/1-3/03	197.45	196.86	197.42	191.50	196.78	198.84	196.39	194.32	196.29	190.78
1/26-28/04	196.21	196.43	196.36	190.26	196.20	196.18	195.41	193.43	195.12	188.85
4/22-23/04	196.71	196.39	196.67	190.73	196.21	196.22	195.61	193.53	195.59	189.84
7/1-6/04	196.64	196.53	196.68	190.45	196.24	196.20	195.66	193.54	195.28	189.60

Table 1b. Ground-water elevations in piezometers during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PZ-12	PZ-13	PZ-14	PZ-15	PZ-16	PZ-17[2]				
	212.26	207.95	204.54	220.37	193.44	203.95				
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	197.74	196.00	197.55	183.72	187.48	196.86				
10/1-3/03	196.86	195.45	196.61	184.05	187.18	196.05				
1/26-28/04	195.98	195.57	195.81	182.56	187.30	195.77				
4/22-23/04	195.95	195.22	195.77	182.93	186.93	195.51				
7/1-6/04	195.92	195.40	195.81	182.37	187.40	195.56				

Table 1b. Ground-water elevations in piezometers during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PD-1	PD-2	PD-3	PD-4	PD-101	PD-102	PD-103	PD-104	PD-105	PD-106
	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)									
7/28-30/03	196.93	196.73	193.32	195.12	194.18	193.38	194.51	195.33	190.82	188.93
10/1-3/03	196.68	196.44	192.66	194.72	193.75	193.06	194.01	188.99	190.55	185.09
1/26-28/04	199.10	195.88	192.71	194.34	193.48	192.64	193.51	194.83	190.54	188.93
4/22-23/04	196.08	195.88	192.30	194.31	193.30	192.61	193.40	194.65	190.32	188.66
7/1-6/04	196.13	195.93	192.67	194.72	193.78	192.92	194.04	194.74	190.69	188.97

Table 1b. Ground-water elevations in piezometers during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Piezometers) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	PD-107	PD-109								
	205.63	204.59								
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	196.50	NM[3]								
10/1-3/03	187.94	Dry								
1/26-28/04	187.89	Dry								
4/22-23/04	195.59	Dry								
7/1-6/04	195.75	194.09								

Notes:

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

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

[3] NM - Not measured; monitoring well PD-109 was inadvertently not measured.

Table 1c. Ground-water elevations in Alfa monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Alfa Monitoring Wells Vista View Development)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-1A	MW-2A	MW-3A	MW-4A	MW-5A					
	213.53	206.01	209.67	213.18	203.42					
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-29/03	196.61	195.40	198.49	196.42	187.44					
10/1-3/03	196.30	194.65	197.25	196.24	187.11					
1/26-28/04	195.57	194.89	196.45	195.20	187.23					
4/22-23/04	195.62	194.28	196.57	195.47	186.91					
7/1-6/04	195.72	194.45	196.56	195.48	187.37					

Notes:

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

Table 1d. Ground-water elevations in monitoring wells along Kilby Ditch during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Monitoring Wells Kilby Ditch)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-101[2]	MW-201	MW-102	MW-202	MW-103	MW-203	OW-2	OW-3	Pump Test Well	
	202.44	202.43	200.49	200.64	206.81	206.91	203.05	203.53	206.01	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	195.39	195.19	191.15	190.93	193.90	193.73	195.34	195.38	198.45	
10/1-3/03	194.90	194.69	190.81	190.63	193.38	193.23	194.87	194.93	197.97	
1/26-28/04	194.59	194.39	191.16	190.91	192.77	193.03	194.52	194.55	197.63	
4/22-23/04	194.43	194.22	190.67	190.48	192.59	192.88	194.39	194.44	197.50	
7/1-6/04	194.66	194.48	190.71	190.50	193.00	193.40	194.57	194.66	197.70	

Notes:

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

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

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells)									
Elevation of Measuring Point (ft. AMSL)[1]	MW-104	MW-204	MW-304	MW-105	MW-205	MW-106	MW-206	MW-107	MW-207	
	217.68	217.91	217.64	216.63	217.04	222.24	222.17	222.33	222.42	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	196.86	196.87	196.45	197.58	197.57	197.68	197.68	197.77	197.74	
10/1-3/03	196.75	196.77	196.36	197.48	197.46	197.50	197.51	197.53	197.52	
1/26-28/04	195.77	195.79	195.39	196.41	196.43	196.38	196.39	196.42	196.41	
4/22-23/04	195.92	195.95	195.52	196.69	196.71	196.75	196.76	196.82	196.78	
7/1-6/04	195.96	195.98	195.56	196.59	196.58	196.59	196.58	196.64	196.64	

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-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)									
7/28-30/03	197.44	197.46	197.42	197.39	186.54	174.80	174.64	175.04	193.83	193.76
10/1-3/03	197.21	197.24	197.35	197.34	186.42	175.47	175.29	175.57	193.60	193.54
1/26-28/04	196.30	196.28	196.37	196.35	186.52	174.50	174.32	174.62	192.41	192.34
4/22-23/04	196.43	196.44	196.58	196.52	186.20	174.58	174.38	174.60	192.66	192.59
7/1-6/04	196.49	196.49	196.53	196.52	186.52	174.08	173.86	174.17	192.68	192.61

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-113[2]	MW-213	MW-214	MW-214A	MW-115[2]	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)									
7/28-30/03	197.48	197.32	NM[3]	167.03	197.94	197.50	186.41	186.20	184.49	184.35
10/1-3/03	196.93	196.78	168.25	166.20	197.01	196.58	186.17	186.01	184.77	184.65
1/26-28/04	196.62	196.43	169.47	167.50	196.13	195.70	185.79	185.62	183.34	183.21
4/22-23/04	196.41	196.36	166.70	168.58	195.80	195.66	185.80	185.62	183.74	183.78
7/1-6/04	196.51	196.46	169.47	166.71	196.06	195.70	186.17	185.93	183.21	183.08

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-118	MW-218	MW-219	MW-220	MW-221	MW-122	MW-222	MW-123	MW-223	
	203.18	203.23	202.88	219.25	183.60	214.65	214.47	216.44	216.34	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	195.21	195.15	195.66	195.29	169.75	196.11	195.98	196.94	196.75	
10/1-3/03	194.09	194.03	194.74	195.15	169.23	196.05	195.92	196.75	196.64	
1/26-28/04	193.50	193.34	196.43	193.97	168.32	195.00	194.87	195.76	195.61	
4/22-23/04	193.32	193.24	194.46	194.22	168.78	195.12	194.98	196.10	196.06	
7/1-6/04	193.39	193.35	194.78	194.34	168.31	195.22	195.09	195.82	195.68	

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-124	MW-224	MW-125	MW-225	MW-226	MW-227	MW-128	MW-228	MW-129	MW-229
	219.11	219.25	206.43	206.32	203.61	205.16	212.11	212.23	214.62	214.32
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	191.87	191.83	190.05	190.04	189.75	196.74	194.66	194.60	196.87	196.86
10/1-3/03	191.52	191.51	189.73	189.69	189.34	196.40	194.08	194.06	196.60	196.57
1/26-28/04	190.73	190.71	189.20	189.18	189.05	195.70	193.00	192.95	195.74	195.74
4/22-23/04	190.93	190.92	189.25	189.21	188.88	195.80	193.35	193.30	194.90	195.88
7/1-6/04	191.13	191.13	189.61	189.61	189.48	195.87	193.17	193.11	195.95	195.93

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-130[2]	MW-230	MW-131[2]	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)									
7/28-30/03	197.53	197.60	197.27	197.29	196.14	196.09	196.72	196.68	197.42	197.42
10/1-3/03	196.93	197.03	196.83	196.87	195.71	195.66	196.10	196.16	196.57	196.56
1/26-28/04	195.90	196.02	196.24	196.29	194.53	194.49	195.96	195.95	195.65	195.65
4/22-23/04	196.35	196.44	196.39	196.28	194.86	195.03	195.91	195.78	195.79	195.77
7/1-6/04	196.30	196.16	196.31	196.36	194.68	194.70	196.08	195.92	195.82	195.81

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-135A	MW-235B	MW-235C	MW-136A	MW-236B	MW-236C	MW-137A	MW-237B	MW-237C	
	217.50	217.35	216.91	211.14	211.01	210.62	213.36	213.40	213.50	
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	197.76	197.73	197.74	197.54	197.55	197.48	197.42	197.40	197.44	
10/1-3/03	197.46	197.43	197.45	197.10	196.11	197.11	197.10	197.11	197.11	
1/26-28/04	196.42	196.42	196.43	196.48	196.47	196.48	195.94	195.89	195.91	
4/22-23/04	196.76	196.73	196.75	196.60	196.57	196.58	195.82	195.99	196.02	
7/1-6/04	196.68	196.66	196.66	196.73	196.49	196.62	196.17	196.09	196.17	

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (100-, 200-, and 300- Series Monitoring Wells) - Continued									
Elevation of Measuring Point (ft. AMSL)[1]	MW-138A	MW-238B	MW-238C	MW-339	MW-340	MW-341	MW-342			
	223.11	222.86	222.98	223.24	215.00	211.63	215.57			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	197.86	197.80	197.83	158.88	193.72	199.69	195.76			
10/1-3/03	197.51	197.52	197.49	159.24	193.67	198.35	195.62			
1/26-28/04	196.40	196.42	196.42	159.23	194.04	195.95	194.94			
4/22-23/04	196.85	196.53	196.82	159.12	193.10	193.20	195.08			
7/1-6/04	196.58	196.58	196.40	158.85	192.89	195.72	195.11			

Notes:

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

[2] Mini troll data loggers installed in monitoring wells MW-115, MW-130 and MW-131 on 7/3/02. The mini troll data logger in MW-113 was reinstalled on 11/20/02. The depths to ground water in these monitoring wells were measured with a water-level indicator.

[3] NM - Not measured; monitoring well MW-214 was inadvertently not measured.

Table 1f. Ground-water elevations in Pump test wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (Pump test wells PW-1 and PW-2)									
Elevation of Measuring Point (ft. AMSL)[1]	PW-1	PW-2								
	221.27	210.45								
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/28-30/03	197.68	197.53								
10/1-3/03	197.52	197.12								
1/26-28/04	196.39	196.47								
4/22-23/04	196.76	196.59								
7/1-6/04	NM[2]	196.53								

Notes:

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

[2] PW -1 was inadvertently not measured during the July 2004 quarterly sampling event.

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 1)									
	CMT 1-1	CMT 1 -2	CMT1 -3	CMT 1-4[2]	CMT 1-5	CMT 1-6	CMT 1-7			
Elevation of Measuring Point (ft. AMSL)[1]	219.50	219.50	219.50	219.50	219.50	219.50	219.50			
Screened Interval (ft BLS)[3]	43.1-43.4	39.3-39.6	35.3-35.6	31.6-31.9	29.2-29.5	47.4-47.7	51.45			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/29/03	197.77	197.76	197.77	197.82	197.82	197.76	DRY			
10/1-3/03	Dry	Dry	184.31[4]	187.95[4]	190.37[4]	197.12[4]	197.50[4]			
1/26-27/04	196.29	196.29	196.28	196.28	196.28	196.28	196.29			
4/23 & 26/04	196.46	196.78	196.69	196.74	196.89	196.63	NM[5]			
7/8/04	196.58	196.59	196.60	196.61	196.62	196.59	196.59			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 2)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 2-1	CMT 2-2	CMT 2-3	CMT 2-4	CMT 2-5	CMT 2-6	CMT 2-7			
	221.85	221.85	221.85	221.85	221.85	221.85	221.85			
Screened Interval (ft BLS)[3]	32.2-32.6	40.3-40.6	44.3-44.6	48.4-48.7	52.3-52.6	56.1-56.4	59.8			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/29/03	197.71	197.71	197.71	197.71	197.69	197.70	197.63			
10/1-3/03	197.43	197.43	197.42	197.44	197.44	197.45	197.45			
1/26-27/04	196.33	196.33	196.32	196.33	196.31	NM	DRY			
4/23 & 26/04	196.73	196.69	196.70	196.82[6]	196.71	196.67	NM			
7/8/04	196.59	196.58	196.60	196.60	196.60	196.61	196.58			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 3)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 3-1	CMT 3-2	CMT 3-3	CMT 3-4	CMT 3-5	CMT 3-6	CMT 3-7			
	224.60	224.60	224.60	224.60	224.60	224.60	224.60			
Screened Interval (ft BLS)[3]	26-28	31-33	36-38	41-43	46-48	51-53	58.8			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/29/03	197.85	197.83	DRY	197.99	198.02	197.79	DRY			
10/1-3/03	197.48	197.44	197.42	197.44	197.43	197.41	NM			
1/26-27/04	DRY	196.28	196.28	196.27	196.27	196.27	DRY			
4/23 & 26/04	DRY	196.73	196.72	196.73	196.71	196.69	196.70			
7/8/04	DRY	196.61	196.60	196.60	196.56	196.57	DRY			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 4)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 4-1	CMT 4-2	CMT 4-3	CMT 4-4	CMT 4-5	CMT 4-6	CMT 4-7			
	223.12	223.12	223.12	223.12	223.12	223.12	223.12			
Screened Interval (ft BLS)[3]	23-26	29-32	35-37	40-42	45-48	51-54	55.80			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/29/03	197.81	197.77	197.77	197.77	197.76	197.77	DRY			
10/1-3/03	197.44	197.44	197.47	197.44	197.44	197.43	196.12[4]			
1/26-27/04	DRY	196.37	196.37	196.37	196.36	196.36	196.36			
4/23 & 26/04	196.89	196.91	196.42	196.90	196.84	196.86	196.77			
7/8/04	DRY	196.63	196.62	196.62	196.63	196.63	NM			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMTs 5, 6, & 7)[7]									
	CMT 5-1	CMT 5-2	CMT 5-3	CMT 6-1	CMT 6-2	CMT 7-1	CMT 7-2			
Elevation of Measuring Point (ft. AMSL)[1]	210.74	210.74	210.74	221.35	221.35	221.70	221.70			
Screened Interval (ft BLS)[3]	21-24	28-31	35-38	26-30	36-52	26-30	36-52			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
7/29/03	197.59	197.59	197.59	197.61	197.64	197.66	197.66			
10/1-3/03	197.12	197.14	197.14	197.42	197.42	196.02	186.04[4]			
1/26-27/04	196.43	196.44	196.43	196.37	196.37	196.32	186.08			
4/23 & 26/04	196.53	196.55	196.55	196.70	196.69	196.03	186.04			
7/8/04	196.53	196.53	196.52	196.64	196.64	196.61	196.61			

Notes:

[1] Feet above mean sea level

[2] A bentonite plug probably surrounds the screen.

[3] Feet below land surface

[4] Technicians experienced problems with the slope indicator while measuring water levels in several CMT ports.

[5] NM - Not measured because of an obstruction in the port that prevented the water level indicator cable from freely advancing through the port.

[6] The water level at CMT 2-4 was inadvertently not measured on April 26, 2004, by the technicians but was measured prior to purging on April 19, 2004.

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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-1A	11/18/99	952	ND[4] (<5.0)	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 (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-1A	4/11/02	1,140	ND (<2.5)	ND (<2.5)	6.1J[5]	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A	7/12/02	1,130	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-1A	10/8/02	1,170	ND (<2.5)	ND (<2.5)	6.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	7.3J	ND (<2.5)	ND (<2.5)
MW-1A dup[6]	10/8/02	1,100	ND (<2.5)	ND (<2.5)	6.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	7.3J	ND (<2.5)	ND (<2.5)
MW-1A	2/18/03	1,080	ND (<2.5)	ND (<2.5)	5.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A	4/15/03	1,130	ND (<2.5)	ND (<2.5)	5.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A	10/14/03	996	ND (<2.5)	ND (<2.5)	6.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-1A	7/14/04	854	ND (<2.0)	ND (<2.0)	5.2J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-2A	11/18/99	12.46	ND (<5.0)	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)	1.12	ND (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-2A	4/15/02	14.6J	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-2A	7/11/02	16.6J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	1.2J	1.1J	ND	ND	ND	ND
MW-2A	10/9/02	16.2J	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-2A	1/14/03	12.8J	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2A	4/15/03	11.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2A	10/9/03	8.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-2A	7/13/04	4.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3A	11/18/99	297	ND (<5.0)	ND (<2.0)	17.72	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	1.05	ND (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-3A	4/11/02	279	ND	ND	6.3J	ND	ND	ND	ND	ND	ND	3.0J	ND	ND	ND	ND	ND	ND
MW-3A	7/12/02	167	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3A	10/9/02	365	ND	ND	24.3	ND	ND	ND	ND	ND	ND	6.1J	1.3J	ND	ND	ND	ND	ND
MW-3A	1/14/03	240	ND	ND	41.8	ND	ND	ND	ND	ND	ND	7.2J	1.2J	1.0J	ND	ND	ND	ND
MW-3A	4/16/03	273	ND	ND	24.2	ND	ND	ND	ND	ND	ND	5.8J	ND	ND	ND	ND	ND	ND
MW-3A	7/9/03	254	ND	ND	24.6	ND	ND	ND	ND	ND	ND	5.6J	ND	ND	ND	ND	ND	ND
MW-3A	10/14/03	263	ND	ND	24.0	ND	ND	ND	ND	ND	ND	5.3J	1.0J	ND	ND	ND	ND	ND
MW-3A	1/7/04	260	ND	ND	30.5	ND	ND	ND	ND	ND	ND	7.8J	1.1J	1.9J	ND	ND	ND	ND
MW-3A	4/9/04	242	ND	ND	24.8	ND	ND	ND	ND	ND	ND	4.7J	1.0J	ND	ND	ND	ND	ND
MW-3A	7/15/04	182	ND	ND	24.3	ND	ND	ND	ND	ND	ND	6.6J	ND	ND	ND	ND	ND	ND
MW-4A	11/17/99	ND (<5.0)	ND (<5.0)	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 (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-4A	4/11/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	7/12/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	10/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	1/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	1/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	4/16/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/9/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	7/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	7/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-5A	11/18/99	30.1	17.92	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 (<10.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-5A	4/11/02	37.6	7.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A dup	4/11/02	34.6	7.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	7/12/02	25.7	8.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-5A	10/9/02	18.5J	9.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	1/14/03	16.9J	6.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A dup	1/14/03	17.7J	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	4/16/03	20.2J	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A dup	4/16/03	19.6J	4.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	7/11/03	16.3J	4.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-5A	10/9/03	11.8J	4.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	1/8/04	13.7J	3.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-5A[7]	1/23/04	12.2J	3.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND
MW-5A	4/9/04	12.2J	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-5A	7/13/04	8.2J	3.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	5/24/01	133	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	8/1/01	101	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	4/10/02	62.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	7/10/02	41.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	10/8/02	43.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-101 dup	10/8/02	46.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-101	1/13/03	17.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	4/14/03	15.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	7/9/03	33.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-101	10/13/03	29.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	1/7/04	40.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-101	4/8/04	33.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101 dup	4/8/04	32.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-101	7/14/04	16.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	5/24/01	797	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	8/1/01	914	ND	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	4/10/02	971	ND (<2.0)	ND (<2.0)	4.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-201	7/10/02	936	ND (<2.5)	ND (<2.5)	3.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-201	10/8/02	1,050	ND (<2.5)	ND (<2.5)	5.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-201	1/13/03	1,080	ND	ND	4.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	4/14/03	969	ND	ND	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-201	7/9/03	1,010	ND (<2.0)	ND (<2.0)	3.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-201	10/13/03	833	ND (<2.0)	ND (<2.0)	4.6J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-201	1/7/04	862	ND (<2.0)	ND (<2.0)	4.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-201	4/8/04	810	ND (<2.0)	ND (<2.0)	3.9J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-201	7/14/04	681	ND	ND	3.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-102	5/23/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	8/2/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	4/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	7/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	10/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	1/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	4/14/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	7/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	10/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	1/6/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	4/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-102	7/14/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	5/23/01	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	8/1/01	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	4/10/02	1.2J	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	7/10/02	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-202	10/8/02	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	1/13/03	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	4/14/03	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	7/8/03	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	10/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	1/7/04	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND
MW-202	4/7/04	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-202	7/14/04	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	2.7J
MW-103	6/7/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	8/3/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	4/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103 dup	4/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	7/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8J	ND	ND	ND	ND
MW-103	10/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	1/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	4/14/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	7/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	10/13/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	1/6/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND
MW-103	4/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-103	7/15/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-203	5/24/01	946	1.7	ND	5.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-203	8/2/01	1,060	2.4	ND	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-203	4/10/02	1,110	ND (<2.0)	ND (<2.0)	5.0J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	7/11/02	1,060	ND (<2.0)	ND (<2.0)	5.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	10/8/02	1,110	ND	ND	4.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND
MW-203	1/13/03	1,270	ND (<2.0)	ND (<2.0)	8.9J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	4/15/03	1,010	ND (<2.0)	ND (<2.0)	6.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	7/9/03	952	ND (<2.0)	ND (<2.0)	3.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	10/13/03	840	ND (<2.0)	ND (<2.0)	4.6J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-203	1/6/04	715	ND	ND	3.7J	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-203	4/8/04	562	ND	ND	2.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-203	7/14/04	442	ND	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	1/22/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	4/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	7/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	10/2/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	1/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	4/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104 dup	4/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	10/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8B	ND	ND
MW-104[8]	10/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-104	7/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	11/9/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND
MW-204	4/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	7/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	10/2/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	1/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204 dup	1/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	4/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	10/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-204	7/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	10/29/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	4/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	7/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	10/2/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	1/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	4/3/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-304	7/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-105	10/31/01	28.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND
MW-105	11/16/01	28.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	4/8/02	7.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	7/8/02	19.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	10/1/02	36.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND
MW-105	2/18/03	13.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	4/2/03	10.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	10/7/03	31.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-105	7/7/04	8.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	10/31/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND
MW-205	4/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	4/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	7/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	7/8/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	10/1/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	10/1/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	2/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	4/2/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	10/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-205	7/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-106	11/17/01	1,730	7.2	ND	12.5	14.6	ND	3.4	ND	ND	ND	7.4	4.0	ND	ND	ND	1.1	ND
MW-106	4/4/02	1,860	17.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.5B[9]	ND (<5.0)	ND (<5.0)
MW-106	7/9/02	1,900	18.2J	ND	8.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-106	10/3/02	1,690	13.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-106	1/6/03	2,570	40.7J	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)	12.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-106	4/3/03	1,180	69.0	ND	2.4J	3.0J	1.0J	1.1J	ND	ND	ND	1.4J	3.0J	ND	ND	ND	ND	ND
MW-106	7/7/03	391	2.4J	ND	2.1J	ND	ND	ND	ND	ND	ND	3.7J	1.1J	ND	ND	ND	ND	ND
MW-106	10/15/03	698	3.0J	ND	5.2J	4.2J	ND	ND	ND	ND	ND	3.1J	1.4J	1.2J	ND	ND	ND	ND
MW-106	1/9/04	1,450	7.2J	ND (<2.5)	12.4J	12.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	10.4J	2.8J	4.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-106 dup	1/9/04	1,450	7.8J	ND (<2.5)	13.0J	13.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	12.9J	3.1J	3.4J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-106	4/12/04	908	5.4J	ND (<2.0)	6.3J	5.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	5.2J	2.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-106	7/22/04	830	4.7J	ND (<2.5)	7.9J	4.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	6.5J	ND (<2.5)	5.2J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-106 dup	7/22/04	824	4.7J	ND (<2.5)	8.0J	5.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	7.4J	2.5J	2.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-206	11/8/01	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND	ND	ND
MW-206	4/5/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7B	ND	ND
MW-206	7/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-206	10/3/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND
MW-206	1/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206	4/3/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206	7/3/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206	10/15/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206 dup	10/15/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206	1/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-206[7]	1/23/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-206	4/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-206	7/22/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	11/16/01	233	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	ND
MW-107	4/4/02	141	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8J	ND	ND
MW-107	7/9/02	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	10/2/02	76.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	1/7/03	166	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	4/3/03	290	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
MW-107	7/2/03	702	1.1J	ND	3.2J	ND	ND	ND	ND	ND	ND	4.7J	ND	ND	ND	ND	ND	ND
MW-107 dup	7/2/03	684	1.1J	ND	3.5J	ND	ND	ND	ND	ND	ND	3.6J	ND	ND	ND	ND	ND	ND
MW-107	10/15/03	122	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	1/9/04	171	ND	ND	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND
MW-107	4/13/04	97.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107 dup	4/13/04	99.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-107	7/22/04	107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-207	11/16/01	259	ND	ND	6.0	ND	ND	ND	ND	1.2	ND	ND	5.8	ND	ND	ND	ND	ND
MW-207	4/4/02	226	ND	ND	5.8J	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	1.8B	ND	ND
MW-207	7/9/02	108	ND	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-207	10/2/02	87.0	ND	ND	3.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-207	1/7/03	101	ND	ND	3.7J	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND
MW-207	4/3/03	160	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	ND	ND	ND	ND
MW-207 dup	4/3/03	154	ND	ND	5.7J	ND	ND	ND	ND	ND	ND	2.3J	ND	ND	ND	ND	ND	ND
MW-207	7/2/03	121	1.2J	ND	4.9J	ND	ND	ND	ND	ND	ND	3.7J	ND	ND	ND	ND	ND	ND
MW-207	10/15/03	283	1.3J	ND	6.7J	ND	ND	ND	ND	ND	ND	3.0J	1.1J	ND	ND	ND	ND	ND
MW-207	1/9/04	242	1.0J	ND	6.8J	ND	ND	ND	ND	ND	ND	2.4J	1.0J	1.5J	ND	ND	ND	ND
MW-207	4/12/04	220	ND	ND	5.8J	ND	ND	ND	ND	ND	ND	2.3J	1.1J	ND	ND	ND	ND	ND
MW-207	7/22/04	313	ND	ND	7.0J	ND	ND	ND	ND	ND	ND	3.0J	1.3J	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-108	11/17/01	227	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-108	4/5/02	169	4.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7B	ND	ND
MW-108	7/9/02	181	4.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-108	10/2/02	218[10]	2.2J[10]	ND[10]	ND	ND	ND	ND	ND	ND	ND[10]	ND	ND	ND	ND	ND	ND	ND
MW-108	1/7/03	126	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-108	4/4/03	76.4	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-108	10/15/03	96.8	6.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-108	7/21/04	138	10.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND
MW-208	11/16/01	342	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND
MW-208	4/5/02	328	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND
MW-208	7/9/02	338	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	10/2/02	340	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	1/7/03	306	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	4/4/03	338	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	10/15/03	325	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-208	7/21/04	329	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	11/30/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	4/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND
MW-109	7/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND
MW-109	10/2/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	1/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109 dup	1/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	4/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	10/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.0B	ND	ND
MW-109[8]	10/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-109	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	11/30/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND
MW-209	4/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND
MW-209	7/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	10/2/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	1/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	4/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209 dup	4/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	10/6/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-209 dup	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-210	11/8/01	ND	10.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	4/16/02	18.8J	15.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	7/15/02	ND	7.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	ND	ND	ND	ND
MW-210 dup	7/15/02	1.2J	7.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND
MW-210	10/3/02	ND	13.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	1/7/03	34.0	14.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	4/18/03	2.9J	14.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-210	7/20/04	ND	7.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-111	11/17/01	12.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0	ND	ND	ND	ND	ND
MW-111	4/18/02	20.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.0J	ND	ND	1.6B	ND	ND
MW-111	7/17/02	18.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.0J	1.2J	ND	ND	ND	ND
MW-111	10/10/02	24.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6J	ND	ND	ND	ND	ND
MW-111	1/16/03	28.7	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	5.3J	ND	ND	ND	ND	ND
MW-111	4/10/03	21.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.4J	ND	ND	ND	ND	ND
MW-111	7/9/04	8.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.1J	ND	ND	ND	ND	ND
MW-211	11/18/01	22.4	ND	ND	2.3	ND	ND	ND	ND	ND	ND	ND	21.0	ND	ND	ND	ND	ND
MW-211	4/18/02	22.7	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5B	ND	ND
MW-211	7/17/02	23.4	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-211	10/10/02	18.7J	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-211	1/16/03	22.5	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-211	4/11/03	20.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-211 dup	4/11/03	19.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-211	7/9/04	21.0	ND	ND	2.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	2/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-311	4/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	10/11/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	1/16/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	4/3/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-311	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND
MW-112	12/12/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND
MW-112	4/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	1.1J	ND	2.2B	ND	ND
MW-112	7/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	1.3J	ND	ND	ND	ND
MW-112	10/4/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-112	1/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-112	4/16/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-112	7/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	12/14/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	4/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4B	ND	ND
MW-212	7/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	10/4/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	1/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	4/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-212	7/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-113	1/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	4/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113 dup	4/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	7/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	ND	ND	ND	ND
MW-113	10/3/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	2/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND
MW-113	4/16/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	10/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-113	7/13/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	1/16/02	131	ND	ND	7.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	4/16/02	101	ND	ND	3.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	7/15/02	102	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND
MW-213	10/2/02	114	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213 dup	10/2/02	113	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-213	2/17/03	81.3	ND	ND	6.7J	ND	ND	ND	ND	ND	ND	1.7J	ND	1.3J	ND	ND	ND	ND
MW-213	4/16/03	51.9	ND	ND	3.9J	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
MW-213	10/7/03	67.7	ND	ND	5.1J	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND	ND
MW-213	7/13/04	23.4	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214	1/31/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-214A	1/11/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A dup	1/11/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	4/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	7/15/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-214A	10/3/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	1/10/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	4/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-214A	7/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-115	1/4/02	ND	ND	ND	ND	ND	ND	ND	ND	2.3J	ND	ND	40.4	ND	ND	ND	ND	ND
MW-115	4/19/02	3.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.2	ND	ND	ND	ND	ND
MW-115	7/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.0J	1.7J	ND	ND	ND	ND
MW-115	10/14/02	ND	ND	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	26.0	ND	ND	ND	ND	ND
MW-115	1/9/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.3J	ND	ND	ND	ND	ND
MW-115	4/22/03	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.1J	ND	ND	ND	ND	ND
MW-115	7/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3J	ND	ND	ND	ND	ND
MW-115 dup	7/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5J	ND	ND	ND	ND	ND
MW-215	1/4/02	3.8J	ND	ND	1.8J	ND	ND	ND	ND	5.4J	1.1J	ND	44.0	ND	1.1J	ND	ND	ND
MW-215	4/22/02	5.4J	ND	ND	1.8J	ND	ND	ND	ND	3.3J	ND	ND	37.0	ND	ND	ND	ND	ND
MW-215	7/18/02	4.0J	ND	ND	1.5J	ND	ND	ND	ND	3.4J	ND	ND	49.2	ND	ND	ND	ND	ND
MW-215	10/14/02	6.1J	ND	ND	1.4J	ND	ND	ND	ND	1.3J	ND	ND	39.3	ND	ND	ND	ND	ND
MW-215	1/9/03	6.7J	ND	ND	2.3J	ND	ND	ND	ND	ND	ND	ND	32.0	ND	ND	ND	ND	ND
MW-215	4/22/03	4.2J	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	28.0	ND	ND	ND	ND	ND
MW-215	7/12/04	3.7J	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	19.6J	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-116	12/7/01	8.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	4/17/02	6.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4B	ND	ND
MW-116	7/16/02	7.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	10/4/02	6.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	1/10/03	5.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	4/17/03	3.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116 dup	4/17/03	3.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-116	7/19/04	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	12/11/01	12.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216 dup	12/11/01	12.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	4/17/02	15.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4B	ND	ND
MW-216	7/16/02	16.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-216	10/4/02	19.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	1/10/03	25.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	4/17/03	28.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216	7/19/04	24.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-216 dup	7/19/04	24.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	1/30/02	43.1	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-117	4/18/02	42.0	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	1.5B	ND	ND
MW-117	7/17/02	36.3	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-117	10/10/02	38.2	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	1/16/03	37.9	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	4/10/03	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-117	7/9/04	35.8	ND	ND	3.7J	ND	ND	ND	ND	ND	ND	1.3J	1.5J	ND	ND	ND	ND	ND
MW-217	1/4/02	23.3	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217 dup	1/4/02	24.4	ND	ND	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	4/18/02	21.6	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5B	ND	ND
MW-217	7/17/02	23.2	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	10/7/02	26.8	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	1/16/03	30.2	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-217	4/10/03	39.0	ND	ND	3.4J	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND	ND	ND
MW-217	7/9/04	49.1	ND	ND	3.5J	ND	ND	ND	1.0J	ND	ND	2.0J	ND	ND	ND	ND	ND	ND
MW-118	12/11/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	4/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	7/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7J	ND	ND	ND	ND
MW-118	10/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	1/10/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	4/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-118	7/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-218	12/11/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-218	4/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-218	7/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	10/14/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	1/10/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218 dup	1/10/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	4/23/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-218	7/12/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	12/7/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	4/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219 dup	4/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND
MW-219	7/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND
MW-219	10/3/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND
MW-219	1/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	4/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-219	7/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-220	12/12/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	ND	ND
MW-220	4/25/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND	ND
MW-220	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	1.3J	ND	ND	ND	ND
MW-220	10/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-220	1/15/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-220	4/21/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-220	7/19/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	12/14/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	4/22/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	7/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-221	10/16/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	1/10/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	4/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-221	7/9/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	4/25/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	10/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	1/15/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122	4/21/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND
MW-122	7/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-122 dup	7/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-222	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	4/25/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-222	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222 dup	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-222	10/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	1/15/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	4/21/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-222	7/16/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	1/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	4/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND
MW-123	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND
MW-123 dup	7/17/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	ND	ND
MW-123	10/7/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	1/8/03	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	4/4/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-123	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	1/9/02	2.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	4/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5B	ND	ND
MW-223	7/17/02	5.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND
MW-223	10/7/02	9.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	1/8/03	11.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	4/4/03	16.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-223	7/8/04	30.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	1/21/02	38.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	4/17/02	17.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5B	ND	ND
MW-124	7/16/02	17.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-124	10/7/02	18.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	1/10/03	15.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	4/18/03	10.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	10/8/03	11.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124	7/20/04	10.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-124 dup	7/20/04	10.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	1/21/02	127	ND	ND	14.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	4/17/02	155	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5B	ND	ND
MW-224	7/16/02	137	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	10/7/02	133	1.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7J	ND	ND	ND	ND
MW-224	1/15/03	103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	4/18/03	93.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	10/8/03	104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-224	7/20/04	75.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-125	1/21/02	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	4/16/02	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	7/16/02	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-125 dup	7/16/02	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1J	ND	ND	ND	ND
MW-125	10/4/02	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	1/15/03	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	4/18/03	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	10/7/03	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-125	7/20/04	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	1/21/02	5.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225 dup	1/21/02	5.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	4/16/02	4.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND
MW-225	7/16/02	3.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND
MW-225	10/7/02	4.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	1/15/03	5.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	4/22/03	5.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	10/7/03	4.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-225	7/21/04	5.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	1/17/02	491	1.7J	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	4/16/02	393	2.4J	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	7/12/02	381	1.5J	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	10/3/02	435	1.6J	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND
MW-226	2/17/03	361	2.4J	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	4/22/03	279	1.6J	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND
MW-226	10/17/03	251	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-226	7/21/04	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	1/17/02	603	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-227	4/15/02	550	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	1.7B	ND	ND
MW-227	7/12/02	741	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-227	10/14/02	661	ND	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	1/15/03	627	ND	ND	2.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227 dup	1/15/03	636	ND	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	4/21/03	559	ND	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	10/21/03	377	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-227	7/21/04	327	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	1/4/02	21.8	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	4/18/02	17.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND
MW-128	7/18/02	20.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-128 dup	7/18/02	20.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-128	10/11/02	28.7	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	1/16/03	36.2	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND
MW-128	4/9/03	38.1	ND	ND	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	10/8/03	28.8	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-128	7/12/04	12.4J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-228	1/4/02	87.1	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228	4/18/02	82.2	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	1.5B	ND	ND
MW-228	7/18/02	72.8	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND
MW-228	10/14/02	50.4	ND	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228 dup	10/14/02	49.8	ND	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-228	1/16/03	77.0	ND	ND	6.4J	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND	ND
MW-228	4/9/03	71.7	ND	ND	3.2J	ND	ND	ND	ND	ND	ND	2.2J	ND	ND	ND	ND	ND	ND
MW-228	10/8/03	80.9	ND	ND	6.4J	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	ND	ND	ND	ND
MW-228	7/12/04	65.8	ND	ND	4.6J	ND	ND	ND	ND	ND	ND	2.3J	ND	ND	ND	ND	ND	ND
MW-129	1/22/02	856	1.4J	ND	4.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-129	4/10/02	545	1.3J	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-129	7/10/02	589	1.3J	ND	2.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-129	10/9/02	867	ND	ND	3.5J	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	1.6J	ND	ND
MW-129	1/13/03	718	1.1J	ND	3.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-129	4/15/03	1,470	ND (<2.0)	ND (<2.0)	8.6J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-129	10/14/03	688	ND (<2.0)	ND (<2.0)	3.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-129	7/14/04	665	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	1/22/02	275	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	4/11/02	260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229 dup	4/11/02	268	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	7/10/02	316	1.2J	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	10/9/02	357	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	1/13/03	291	1.3J	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	4/15/03	346	1.4J	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	10/14/03	604	1.3J	ND	2.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229	7/14/04	619	1.2J	ND	3.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-229 dup	7/14/04	542	1.1J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-130	1/21/02	163	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-130	4/22/02	201	ND	ND	6.0J	ND	ND	ND	ND	ND	ND	ND	1.7J	2.6J	ND	ND	ND	ND
MW-130	7/19/02	150	ND	ND	4.2J	ND	ND	ND	ND	ND	ND	ND	1.2J	1.6J	ND	ND	ND	ND
MW-130	10/16/02	180	ND	ND	5.3J	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
MW-130	1/17/03	173	ND	ND	7.7J	ND	ND	ND	ND	ND	ND	2.3J	1.7J	ND	ND	ND	ND	ND
MW-130	4/9/03	153	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9J	1.6J	ND	ND	ND	ND	ND
MW-130	7/2/03	30.0	ND	ND	11.1J	ND	ND	ND	ND	ND	ND	4.3J	ND	ND	ND	ND	ND	ND
MW-130	10/16/03	76.3	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-130 dup	10/16/03	76.5	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-130	1/9/04	98.0	ND	ND	3.2J	ND	ND	ND	ND	ND	ND	1.0J	1.0J	1.3J	ND	ND	ND	ND
MW-130 dup	1/9/04	100	ND	ND	3.5J	ND	ND	ND	ND	ND	ND	1.7J	1.1J	1.5J	ND	ND	ND	ND
MW-130	4/13/04	102	ND	ND	2.9J	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND
MW-130	7/21/04	100	ND	ND	2.9J	ND	ND	ND	ND	ND	ND	1.4J	1.1J	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-230	1/21/02	300	ND	ND	8.1J	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
MW-230	4/22/02	54.0	ND	ND	12.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-230	7/19/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND
MW-230	10/16/02	26.8	ND	ND	4.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-230	1/17/03	16.5	ND	ND	6.2J	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND
MW-230	4/9/03	51.5	ND	ND	8.1J	ND	ND	ND	ND	ND	ND	3.6J	ND	ND	ND	ND	ND	ND
MW-230	7/2/03	94.2	ND	ND	3.8J	ND	ND	ND	ND	ND	ND	2.8J	ND	ND	ND	ND	ND	ND
MW-230	10/16/03	7.3J	ND	ND	9.5J	ND	ND	ND	ND	ND	ND	2.7J	ND	ND	ND	ND	ND	ND
MW-230	1/12/04	15.6J	ND	ND	13.0J	ND	ND	ND	ND	ND	ND	3.1J	ND	1.1J	ND	ND	ND	ND
MW-230	4/13/04	15.4J	ND	ND	13.7J	ND	ND	ND	ND	ND	ND	3.7J	ND	ND	ND	ND	ND	ND
MW-230	7/21/04	33.1	ND	ND	15.6J	ND	ND	ND	ND	ND	ND	4.3J	ND	ND	ND	ND	ND	ND
MW-131	1/16/02	687	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-131	4/12/02	902	ND (<2.0)	ND (<2.0)	3.1J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131 dup	4/12/02	943	ND (<2.0)	ND (<2.0)	3.2J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	7/11/02	796	ND (<2.0)	ND (<2.0)	3.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	10/9/02	516	ND (<2.0)	ND (<2.0)	2.0J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	1/14/03	959	ND	ND	3.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-131	4/16/03	1,350	ND (<2.0)	ND (<2.0)	7.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	10/14/03	1,390	ND (<2.0)	ND (<2.0)	5.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-131	7/16/04	1,700	ND (<5.0)	ND (<5.0)	7.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	1/16/02	1,690	ND (<5.0)	ND (<5.0)	7.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	4/12/02	1,790	ND (<5.0)	ND (<5.0)	6.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	7/11/02	1,840	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)	5.2J	ND (<5.0)	ND (<5.0)
MW-231	10/9/02	1,850	ND (<5.0)	ND (<5.0)	5.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231 dup	10/9/02	1,850	ND (<5.0)	ND (<5.0)	5.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	1/14/03	2,050	ND (<5.0)	ND (<5.0)	7.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	4/16/03	2,800	ND (<5.0)	ND (<5.0)	10.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	10/14/03	2,370	ND (<5.0)	ND (<5.0)	8.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-231	7/16/04	3,400	ND (<5.0)	ND (<5.0)	12.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-132	1/9/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
MW-132	4/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	1.4J	ND	1.6B	ND	ND
MW-132	7/18/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
MW-132	10/11/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-132	1/17/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-132	4/4/03	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-132	10/8/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-132	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-232	1/9/02	46.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND	ND
MW-232	4/18/02	35.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6B	ND	ND
MW-232	7/18/02	34.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	1.6J	ND	ND	ND	ND
MW-232	10/11/02	33.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND
MW-232	1/17/03	29.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-232 dup	1/17/03	30.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-232	4/4/03	43.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-232	10/8/03	59.2	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-232	7/9/04	70.4	ND	ND	2.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-133	1/17/02	195	ND	ND	6.9J	ND	ND	ND	ND	ND	ND	ND	1.3J	1.1J	ND	ND	ND	ND
MW-133	4/16/02	155	ND	ND	5.9J	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
MW-133	7/15/02	135	ND	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	1.2J	2.1J	ND	ND	ND	ND
MW-133 dup	7/15/02	134	ND	ND	3.6J	ND	ND	ND	ND	ND	ND	ND	1.1J	1.1J	ND	ND	ND	ND
MW-133	10/3/02	113	ND	ND	3.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-133	1/15/03	115	ND	ND	3.7J	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND	ND	ND
MW-133	4/22/03	134	ND	ND	5.5J	ND	ND	ND	ND	ND	ND	2.8J	ND	ND	ND	1.1J	ND	ND
MW-133	10/16/03	75.9	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	ND
MW-133	7/13/04	51.5	ND	ND	2.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-233	1/17/02	392	ND	ND	11.2J	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
MW-233	4/16/02	395	ND	ND	10.1J	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND
MW-233	7/15/02	381	ND	ND	7.0J	ND	ND	ND	ND	ND	ND	ND	1.5J	2.0J	ND	ND	ND	ND
MW-233	10/3/02	341	ND	ND	6.4J	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND	ND
MW-233	1/16/03	285	ND	ND	8.5J	ND	ND	ND	ND	ND	ND	1.9J	1.3J	ND	ND	ND	ND	ND
MW-233	4/22/03	274	ND	ND	7.2J	ND	ND	ND	ND	ND	ND	3.8J	1.2J	ND	ND	1.1J	ND	ND
MW-233	10/17/03	309	ND	ND	7.7J	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND	ND
MW-233	7/13/04	269	ND	ND	8.9J	ND	ND	ND	ND	ND	ND	2.9J	1.4J	ND	ND	ND	ND	ND
MW-134	1/10/02	25.9	ND	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	4/19/02	17.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	7/18/02	19.1J	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	2.8J	ND	ND	ND	ND
MW-134	10/11/02	8.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	1/9/03	9.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	4/21/03	10.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	10/16/03	4.7J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-134	7/13/04	4.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-234	1/10/02	341	ND	ND	64.7	ND	ND	ND	ND	ND	ND	12.5J	2.9J	ND	ND	ND	ND	ND
MW-234	4/19/02	385	ND	ND	50.3	ND	ND	ND	ND	ND	ND	ND	2.8J	ND	ND	ND	ND	ND
MW-234	7/18/02	366	ND	ND	30.7	ND	ND	ND	ND	ND	ND	21.2	2.6J	1.7J	ND	ND	ND	ND
MW-234	10/11/02	442	ND	ND	52.0	ND	ND	ND	ND	ND	ND	22.2	2.9J	ND	ND	ND	ND	ND
MW-234	1/9/03	458	ND	ND	53.7	ND	ND	ND	ND	ND	ND	12.4J	2.6J	ND	ND	ND	ND	ND
MW-234	4/21/03	390	ND	ND	44.3	ND	ND	ND	ND	ND	ND	12.5J	2.4J	ND	ND	ND	ND	ND
MW-234	10/16/03	385	ND	ND	46.2	ND	ND	ND	ND	ND	ND	12.4J	2.5J	ND	ND	ND	ND	ND
MW-234	7/13/04	319	ND	ND	33.8	ND	ND	ND	ND	ND	ND	7.9J	2.1J	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-135A	10/10/02	2,970	9.9J	ND (<5.0)	22.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	9.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	1/8/03	3,360	12.8J	ND (<5.0)	27.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	9.0J	6.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	4/2/03	3,290	11.3J	ND (<5.0)	32.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	12.6J	5.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	7/7/03	2,910	9.6J	ND (<2.5)	21.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	14.0J	4.2J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-135A	10/20/03	2,600	10.0J	ND (<5.0)	20.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A dup	10/20/03	2,660	10.6J	ND (<5.0)	20.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	1/13/04	2,550	9.9J	ND (<5.0)	21.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	13.9J	ND (<5.0)	5.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	4/28/04	2,510	9.2J	ND (<5.0)	15.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-135A	7/22/04	3,150	9.1J	ND (<5.0)	22.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	15.0J	ND (<5.0)	11.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-235B	10/10/02	4,700	11.5J	ND (<10.0)	40.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	1/8/03	5,080	13.5J	ND (<10.0)	38.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	13.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	4/2/03	4,000	11.8J	ND (<10.0)	37.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	16.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	7/7/03	3,340	10.1J	ND (<5.0)	34.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	23.5J	5.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-235B	10/20/03	3,940	11.4J	ND (<10.0)	47.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	24.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	1/13/04	3,780	10.3J	ND (<10.0)	42.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	20.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	4/28/04	4,110	10.8J	ND (<10.0)	36.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	26.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235B	7/23/04	3,780	11.6J	ND (<10.0)	41.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	29.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-235C	10/10/02	1,140	ND (<2.5)	ND (<2.5)	59.2	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	22.0J	8.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	1/8/03	1,460	ND (<2.5)	ND (<2.5)	63.4	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	22.6J	4.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	4/3/03	1,270	ND (<2.5)	ND (<2.5)	77.0	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	24.6J	4.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	7/3/03	884	ND (<2.5)	ND (<2.5)	48.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	20.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	10/21/03	1,000	ND (<2.0)	ND (<2.0)	65.6J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	20.6J	3.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-235C	1/12/04	1,050	ND (<2.5)	ND (<2.5)	65.6	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	23.6J	3.2J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C dup	1/12/04	1,050	ND (<2.5)	ND (<2.5)	65.7	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	21.7J	3.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	4/28/04	1,090	ND (<2.5)	ND (<2.5)	58.1	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	28.0J	3.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-235C	7/23/04	1,060	ND (<2.5)	ND (<2.5)	67.9	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	25.2J	4.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-136A	10/17/02	422	ND	ND	2.9J	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
MW-136A	1/14/03	286	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND
MW-136A	4/11/03	46.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
MW-136A	7/9/03	48.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
MW-136A	10/9/03	94.5	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-136A	1/5/04	304	ND	ND	6.2J	ND	ND	ND	ND	ND	ND	2.5J	ND	1.4J	ND	ND	ND	ND
MW-136A	4/6/04	152	ND	ND	2.4J	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND
MW-136A	7/15/04	70.0	ND	ND	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-136A dup	7/15/04	68.3	ND	ND	1.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-236B	10/17/02	450	ND	ND	22.0	ND	ND	ND	ND	ND	ND	6.9J	3.0J	ND	ND	ND	ND	ND
MW-236B	1/14/03	397	ND	ND	16.1J	ND	ND	ND	ND	ND	ND	4.0J	1.4J	ND	ND	ND	ND	ND
MW-236B	4/11/03	155	ND	ND	6.3J	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND	ND
MW-236B	7/10/03	140	ND	ND	3.1J	ND	ND	ND	ND	ND	ND	1.4J	1.4J	1.9J	ND	ND	ND	ND
MW-236B	10/9/03	335	ND	ND	17.4J	ND	ND	ND	ND	ND	ND	3.6J	1.2J	ND	ND	ND	ND	ND
MW-236B	1/5/04	393	1.2J	ND	20.2	ND	ND	ND	ND	ND	ND	5.4J	1.3J	2.1J	ND	ND	ND	ND
MW-236B	4/6/04	389	ND	ND	12.1J	ND	ND	ND	ND	ND	ND	2.7J	1.1J	ND	ND	ND	ND	ND
MW-236B	7/15/04	360	1.0J	ND	19.3J	ND	ND	ND	ND	ND	ND	5.2J	1.2J	ND	ND	ND	ND	ND
MW-236C	10/17/02	154	ND	ND	45.7	ND	ND	ND	ND	ND	ND	20.0	4.7J	ND	ND	ND	ND	ND
MW-236C	1/14/03	249	ND	ND	52.3	ND	ND	ND	ND	ND	ND	9.0J	1.3J	ND	ND	ND	ND	ND
MW-236C	4/11/03	245	ND	ND	24.3	ND	ND	ND	ND	ND	ND	5.8J	ND	ND	ND	ND	ND	ND
MW-236C dup	4/11/03	243	ND	ND	25.5	ND	ND	ND	ND	ND	ND	6.2J	ND	ND	ND	ND	ND	ND
MW-236C	7/8/03	290	ND	ND	28.6	ND	ND	ND	ND	ND	ND	8.3J	1.0J	ND	ND	ND	ND	ND
MW-236C	10/9/03	200	ND	ND	56.9	ND	ND	ND	ND	ND	ND	11.0J	1.0J	ND	ND	ND	ND	ND
MW-236C dup	10/9/03	205	ND	ND	54.4	ND	ND	ND	ND	ND	ND	11.3J	1.1J	ND	ND	ND	ND	ND
MW-236C	1/6/04	233	ND	ND	62.6	ND	ND	ND	ND	ND	ND	13.6J	1.2J	1.1J	ND	ND	ND	ND
MW-236C	4/6/04	217	ND	ND	50.6	ND	ND	ND	ND	ND	ND	10.3J	1.2J	ND	ND	ND	ND	ND
MW-236C	7/15/04	172	ND	ND	46.1	ND	ND	ND	ND	ND	ND	11.7J	ND	ND	ND	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		[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]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-137A	10/16/02	737	ND (<2.0)	ND (<2.0)	8.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	2.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-137A	1/9/03	724	1.3J	ND	7.8J	ND	ND	ND	ND	ND	ND	3.1J	1.6J	ND	ND	ND	ND	ND
MW-137A dup	1/9/03	730	1.3J	ND	7.7J	ND	ND	ND	ND	ND	ND	2.6J	1.5J	ND	ND	ND	ND	ND
MW-137A	4/4/03	638	1.2J	ND	5.4J	ND	ND	ND	ND	ND	ND	2.6J	1.4J	ND	ND	ND	ND	ND
MW-137A	7/3/03	697	ND (<2.0)	ND (<2.0)	6.7J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	6.2J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-137A	10/20/03	727	1.4J	ND	6.5J	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	ND
MW-137A	1/12/04	633	1.3J	ND	6.3J	ND	ND	ND	ND	ND	ND	3.3J	1.4J	1.7J	ND	ND	ND	ND
MW-137A	4/14/04	576	1.1J	ND	4.7J	ND	ND	ND	ND	ND	ND	3.7J	1.5J	ND	ND	ND	ND	ND
MW-137A	7/22/04	651	1.1J	ND	5.9J	ND	ND	ND	ND	ND	ND	4.6J	1.4J	ND	ND	ND	ND	ND
MW-237B	10/16/02	2,810	ND (<5.0)	ND (<5.0)	35.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	14.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B dup	10/16/02	2,910	ND (<5.0)	ND (<5.0)	37.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	14.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	1/9/03	3,500	ND (<5.0)	ND (<5.0)	46.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	18.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	4/9/03	2,830	ND (<5.0)	ND (<5.0)	39.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	20.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	7/7/03	2,570	ND (<5.0)	ND (<5.0)	38.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	26.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	10/20/03	1,850	ND (<5.0)	ND (<5.0)	26.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	13.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	1/12/04	1,680	ND (<5.0)	ND (<5.0)	21.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.0J	ND (<5.0)	5.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	4/27/04	1,700	ND (<5.0)	ND (<5.0)	19.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	14.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B dup	4/27/04	1,710	ND (<5.0)	ND (<5.0)	19.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	15.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237B	7/23/04	1,590	ND (<5.0)	ND (<5.0)	19.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	14.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237C	10/16/02	1,900	ND (<5.0)	ND (<5.0)	54.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	21.5J	5.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237C	1/10/03	2,250	ND (<5.0)	ND (<5.0)	65.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	25.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237C	4/10/03	915	ND (<2.0)	ND (<2.0)	39.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	11.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-237C	7/3/03	1,950	ND (<5.0)	ND (<5.0)	61.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	32.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-237C	10/20/03	1,190	ND (<2.5)	ND (<2.5)	30.2J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	16.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-237C dup	10/20/03	1,220	ND (<2.5)	ND (<2.5)	45.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	16.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
MW-237C	1/12/04	969	ND (<2.0)	ND (<2.0)	38.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	16.3J	ND (<2.0)	3.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-237C	4/14/04	1,420	2.6J	ND (<2.0)	44.9	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	17.1J	2.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-237C dup	4/14/04	1,450	2.6J	ND (<2.0)	40.3	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	15.8J	2.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
MW-237C	7/23/04	1,570	3.2J	ND (<2.0)	55.1	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	19.8J	2.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-138A	10/21/02	6,770	ND (<10.0)	ND (<10.0)	87.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	43.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-138A	2/5/03	4,340	ND (<10.0)	ND (<10.0)	67.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	33.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-138A	4/10/03	3,650	ND (<10.0)	ND (<10.0)	37.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	17.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
MW-138A	7/7/03	2,410	ND (<5.0)	ND (<5.0)	25.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	8.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-138A dup	7/7/03	2,100	ND (<5.0)	ND (<5.0)	26.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	6.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-138A	10/21/03	2,190	ND (<5.0)	ND (<5.0)	40.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	20.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-138A	1/13/04	2,630	ND (<5.0)	ND (<5.0)	37.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	17.7J	ND (<5.0)	7.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-138A	4/29/04	2,250	ND (<5.0)	ND (<5.0)	30.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	20.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-138A	7/26/04	2,250	ND (<5.0)	ND (<5.0)	34.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	15.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
MW-238B	10/22/02	17,300	ND (<25.0)	ND (<25.0)	945	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	310J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238B	2/5/03	16,700	ND (<20.0)	ND (<20.0)	1,040	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	263J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238B	4/11/03	14,000	ND (<33.3)	ND (<33.3)	812	ND (<33.3)	ND (<33.3)	ND (<33.3)	ND (<33.3)	ND (<33.3)	ND (<33.3)	223J	ND (<33.3)	ND (<33.3)	ND (<33.3)	ND (<33.3)	ND (<33.3)	ND (<33.3)
MW-238B	7/10/03	16,400	ND (<20.0)	ND (<20.0)	1,070	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	315J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238B	10/21/03	14,000	ND (<20.0)	ND (<20.0)	881	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	216J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238B	1/13/04	9,730	ND (<20.0)	ND (<20.0)	619	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	184J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238B dup	1/13/04	10,900	ND (<20.0)	ND (<20.0)	603	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	209J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238B	4/29/04	12,200	ND (<20.0)	ND (<20.0)	572	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	255J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238B	7/27/04	12,300	ND (<20.0)	ND (<20.0)	704	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	245J	ND (<20.0)	27.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238C	10/21/02	16,100	ND (<20.0)	ND (<20.0)	591	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	233J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
MW-238C	2/17/03	17,900	ND (<40.0)	ND (<40.0)	914	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	224J	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)	ND (<40.0)
MW-238C	4/10/03	17,500	ND (<25.0)	ND (<25.0)	929	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	277J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C	7/11/03	17,000	ND (<25.0)	ND (<25.0)	686	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	257J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C	10/21/03	15,700	ND (<25.0)	ND (<25.0)	995	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	250J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C dup	10/21/03	15,200	ND (<25.0)	ND (<25.0)	931	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	270J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C	1/14/04	15,100	ND (<25.0)	ND (<25.0)	861	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	302J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C	4/29/04	15,100	ND (<25.0)	ND (<25.0)	664	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	286J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
MW-238C	7/26/04	15,800	ND (<25.0)	ND (<25.0)	913	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	314J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Sample ID	Sample Date[2]	Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	Benzene	Bromodichloromethane	Bromoform	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
MW-339	2/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-339	2/18/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-339	4/1/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-339 dup	4/1/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-339	7/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-340	2/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND
MW-340	2/20/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-340	4/1/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-340	7/7/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-341	2/7/03	1.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	ND	ND	ND	ND
MW-341	2/19/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	1.3J
MW-341	4/2/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	4.1J
MW-341	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-342	2/7/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-342	4/2/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-342	7/8/04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

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

[2] Ground-water confirmation samples were collected from wells in accordance with Addendum 13 - Ground-water Monitoring Plan.

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

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

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

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

[7] Samples collected on January 8, 2004, from monitoring wells MW-5A and MW-206 contained concentrations of ethyl acetate; therefore additional samples were collected on January 23, 2004 for laboratory analyses. The samples collected on January 23, 2004, did not contain concentrations of ethyl acetate.

[8] Sample was reanalyzed out of holding time.

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

[10] Corrected results - Constituent results inadvertently transposed in October 2002

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-1A	4/11/02	1.4	7.58	3.89	ND[7]	ND	NA[8]	ND	ND	ND	ND
MW-1A	7/12/02	1.8	7.18	3.31	ND	ND	0.60	0.65	ND	ND	ND
MW-1A	10/8/02	1.6	7.26	3.38	ND	ND	ND	ND	ND	ND	ND
MW-1A dup[9]	10/8/02	1.3	7.10	3.31	ND	ND	ND	ND	ND	ND	ND
MW-1A	2/18/03	1.5	7.11	3.32	ND	ND	ND	ND	ND	ND	ND
MW-1A	4/15/03	ND	8.06	3.46	ND	ND	ND	ND	ND	ND	ND
MW-1A	10/14/03	1.8	6.79	3.19	ND	1.33	ND	ND	ND	ND	ND
MW-1A	7/14/04	1.6	6.99	2.91	ND	ND	ND	ND	ND	ND	ND
MW-2A	4/15/02	ND	7.29	1.96	ND	ND	NA	0.10	ND	ND	ND
MW-2A	7/11/02	ND	7.41	1.87	ND	ND	ND	ND	ND	ND	ND
MW-2A	10/10/02	ND	7.17	1.80	ND	0.48	ND	ND	ND	ND	ND
MW-2A	1/14/03	ND	6.87	1.82	ND	ND	ND	ND	ND	ND	ND
MW-2A	4/15/03	ND	7.62	1.83	ND	ND	ND	ND	ND	ND	ND
MW-2A	10/9/03	ND	7.01	1.61	ND	0.48	ND	ND	ND	ND	ND
MW-2A	7/13/04	ND (<0.01)	6.10	1.54	ND	0.91	ND	ND	ND	ND	ND
MW-3A	4/11/02	1.6	5.14	2.59	ND	1.70	NA	0.24	ND	ND	ND
MW-3A	7/12/02	5.7	4.63	2.15	ND	1.65	ND	ND	ND	ND	ND
MW-3A	10/10/02	1.5	4.50	2.23	ND	1.35	ND	ND	ND	ND	ND
MW-3A	1/14/03	ND	4.32	2.30	ND	1.21	ND	ND	ND	ND	ND
MW-3A	4/16/03	1.4	4.39	2.30	ND	0.81	ND	ND	ND	ND	ND
MW-3A	7/9/03	1.5	4.09	2.57	ND	1.37	ND	ND, ND[10]	ND	ND	ND
MW-3A	10/14/03	2.7	3.85	2.27	ND	2.27	ND	ND	ND	ND	ND
MW-3A	1/7/04	3.5	4.23	2.29	ND	0.86	ND	ND	ND	ND	ND
MW-3A	4/9/04	1.7	4.38	2.31	ND	1.67	ND	ND	ND	ND	ND
MW-3A	7/15/04	1.6	3.71	2.13	ND	1.56	ND	ND	ND	ND	ND
MW-4A	4/11/02	ND	2.76	3.35	ND	ND	NA	ND	ND	ND	ND
MW-4A	7/12/02	1.9	2.41	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/10/02	1.1	2.38	2.99	ND	0.66	ND	ND	ND	ND	ND
MW-4A dup	10/10/02	1.3	2.38	2.95	ND	ND	ND	ND	ND	ND	ND
MW-4A	1/13/03	ND	2.30	2.97	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	1/13/03	1.1	2.37	2.97	ND	ND	ND	ND	ND	ND	ND
MW-4A	4/16/03	2.0	2.71	2.97	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/9/03	1.4	2.22	2.83	ND	ND	ND	ND	ND	ND	ND
MW-4A	7/15/04	2.7	2.05	2.57	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	7/15/04	2.3	2.07	2.54	ND	ND	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-5A	4/11/02	13.4	4.11	ND	ND	0.73	NA	ND	14	ND	ND
MW-5A dup	4/11/02	13.4	4.15	ND	ND	0.79	NA	2.23	34	ND	ND
MW-5A	7/12/02	21.5	3.44	ND	ND	0.68	5.50	5.45	130	ND	ND
MW-5A	10/10/02	23.8	3.60	ND	ND	0.53	5.25	5.25	120	ND	ND
MW-5A	1/14/03	9.6	3.18	ND	ND	ND	4.05	4.05, 3.22[10]	67	ND	ND
MW-5A dup	1/14/03	9.8	3.19	ND	ND	ND	4.05	4.05	66	ND	ND
MW-5A	4/16/03	16.7	3.77	ND	ND	ND	4.30	4.35	37	ND	ND
MW-5A dup	4/16/03	16.6	3.79	ND	ND	ND	4.30	4.35	32	ND	ND
MW-5A	7/11/03	17.1	3.64	ND	ND	0.69	1.30	1.25, 2.76[10]	18	ND	ND
MW-5A	10/9/03	15.2	3.00	ND	ND	0.60	3.75	3.90, 3.69[10]	32	ND	ND
MW-5A	1/8/04	18.5	2.58	ND	ND	0.85	5.25	5.25	130	ND	ND
MW-5A[11]	1/23/04	10.1	2.56	ND	ND	ND	4.55	4.60	100	ND	ND
MW-5A	4/9/04	16.4	2.84	ND	ND	0.61	4.00	4.10	38	ND	ND
MW-5A	7/13/04	15.5	2.48	0.15	ND	0.89	4.45	4.50, 4.48[10]	54	ND	ND
MW-101	4/10/02	1.3	5.91	2.03	ND	0.57	NA	ND	ND	ND	ND
MW-101	7/10/02	ND	5.46	1.50	ND	ND	ND	ND	ND	ND	ND
MW-101	10/8/02	ND	5.60	1.55	ND	ND	ND	ND	ND	ND	ND
MW-101 dup	10/8/02	ND	5.43	1.52	ND	ND	ND	ND	ND	ND	ND
MW-101	1/13/03	ND	4.35	2.17	ND	3.02	ND	ND	ND	ND	ND
MW-101	4/14/03	ND	5.02	1.78	ND	5.85	ND	ND	ND	ND	ND
MW-101	7/9/03	ND	4.88	1.71	ND	2.04	ND	ND	ND	ND	ND
MW-101	10/13/03	ND	4.67	1.48	ND	0.67	ND	ND	ND	ND	ND
MW-101	1/7/04	ND	4.65	1.45	ND	5.66	ND	ND	ND	ND	ND
MW-101	4/8/04	ND	4.62	1.28	ND	2.48	ND	ND	ND	ND	ND
MW-101 dup	4/8/04	ND	4.14	1.17	ND	2.15	ND	ND	ND	ND	ND
MW-101	7/14/04	ND (<0.01)	4.79	1.03	ND	1.59	ND	ND	ND	ND	ND
MW-201	4/10/02	6.9	7.79	2.79	ND	ND	NA	0.05	ND	ND	ND
MW-201	7/10/02	4.8	7.19	2.37	ND	ND	NA	ND	3.0	ND	ND
MW-201	10/8/02	2.3	7.36	2.49	ND	ND	ND	ND	2.7	ND	ND
MW-201	1/13/03	2.5	7.13	2.64	ND	ND	ND	ND	2.9	ND	ND
MW-201	4/14/03	2.0	7.91	2.70	ND	ND	ND	ND	ND	ND	ND
MW-201	7/9/03	2.5	7.43	2.92	ND	ND	ND	ND	ND	ND	ND
MW-201	10/13/03	4.2	6.65	2.37	ND	0.38	ND	ND	ND	ND	ND
MW-201	1/7/04	3.2	7.00	2.51	ND	ND	ND	ND	ND	ND	ND
MW-201	4/8/04	3.1	6.59	2.53	ND	ND	ND	ND	ND	ND	ND
MW-201	7/14/04	2.5	6.98	2.36	ND	0.63	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-102	4/10/02	441	6.59	ND	ND	6.88	NA	29.2	360	ND	ND
MW-102	7/10/02	424	7.40	ND	ND	3.13	7.75	11.3	870	ND	ND
MW-102	10/8/02	333	8.93	ND	ND	2.39	3.50	7.50	840D[12]	ND	ND
MW-102	1/13/03	438	5.25	ND	ND	3.88	5.00	5.00, 26.2[10]	680	ND	ND
MW-102	4/14/03	294	5.09	ND	ND	10.8	25.5	27.0, 18.0[10]	640	ND (<40.0)	ND (<30.0)
MW-102	7/8/03	250	5.21	ND	ND	1.68	1.90	1.80, 23.4[10]	440	ND (<12.0)	ND (<9.0)
MW-102	10/13/03	367	4.50	ND	ND	ND	4.95	5.95, 22.3[10]	810	ND (<20.0)	ND (<15.0)
MW-102	1/6/04	339	3.76	ND	ND	1.46	4.90	4.85, 24.4[10]	860	ND (<12.0)	ND (<9.0)
MW-102	4/7/04	375	3.70	ND	ND	ND	21.5	23.5	960	ND (<20.0)	ND (<15.0)
MW-102	7/14/04	332	3.78	0.24	ND	0.65	19.0	22.0, 18.9[10]	400	ND (<12.0)	ND (<9.0)
MW-202	4/10/02	20.7	6.78	ND	ND	2.33	NA	4.34	ND	ND	ND
MW-202	7/10/02	ND	6.13	ND	ND	1.84	4.10	4.15	51	ND	ND
MW-202	10/8/02	14.1	6.34	ND	ND	1.49	3.75	3.80	14	ND	ND
MW-202	1/13/03	10.9	6.39	ND	ND	1.94	3.65	3.65, 4.90[10]	36	ND	ND
MW-202	4/14/03	19.7	7.26	ND	ND	1.77	5.75	6.00, 4.89[10]	93	ND	ND
MW-202	7/8/03	12.5	6.84	ND	ND	1.85	1.00	0.95, 2.65[10]	33	ND	ND
MW-202	10/13/03	9.0	6.28	ND	ND	1.52	2.35	2.25, 2.00[10]	8.3	ND	ND
MW-202	1/7/04	6.8	6.05	ND	ND	0.74	1.10	1.25	7.2	ND	ND
MW-202	4/7/04	7.5	5.83	ND	ND	1.51	1.45	1.65	28	ND	ND
MW-202	7/14/04	7.6	5.99	0.15	ND	1.61	0.90	1.15	3.6	ND	ND
MW-103	4/10/02	5.3	2.38	6.41	ND	54.7	NA	0.07	ND	ND	ND
MW-103 dup	4/10/02	6.3	2.38	6.59	ND	49.3	NA	0.13	ND	ND	ND
MW-103	7/10/02	6.2	1.94	4.33	ND	12.1	ND	ND	4.9	ND	ND
MW-103	10/8/02	5.0	2.50	0.56	ND	12.2	ND	ND	2.5	ND	ND
MW-103	1/13/03	8.0	2.06	5.93	ND	40.2	ND	ND	ND	ND	ND
MW-103	4/14/03	11.2	2.33	4.57	ND	30.4	ND	ND	ND	ND	ND
MW-103	7/8/03	11.9	1.88	3.96	ND	20.8	ND	ND	ND	ND	ND
MW-103	10/13/03	5.9	1.61	4.48	ND	7.02	ND	ND	ND	ND	ND
MW-103	1/6/04	10.2	1.38	3.89	ND	11.1	ND	ND	ND	ND	ND
MW-103	4/7/04	8.2	1.42	4.45	ND	9.09	ND	ND	ND	ND	ND
MW-103	7/15/04	8.0	1.68	3.89	ND	7.49	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-203	4/10/02	1.1	7.64	3.40	ND	ND	NA	0.07	ND	ND	ND
MW-203	7/11/02	ND	7.39	2.79	ND	ND	ND	ND	ND	ND	ND
MW-203	10/8/02	ND	7.29	2.87	ND	ND	ND	ND	ND	ND	ND
MW-203	1/13/03	ND	7.29	3.19	ND	ND	ND	ND	ND	ND	ND
MW-203	4/15/03	ND	8.07	3.19	ND	ND	ND	ND	ND	ND	ND
MW-203	7/9/03	ND	7.41	3.26	ND	ND	ND	ND	ND	ND	ND
MW-203	10/13/03	ND	6.80	2.75	ND	ND	ND	ND	ND	ND	ND
MW-203	1/6/04	ND	7.19	2.86	ND	ND	ND	ND	ND	ND	ND
MW-203	4/8/04	ND	6.12	2.53	ND	ND	ND	ND	ND	ND	ND
MW-203	7/14/04	ND (<0.01)	6.87	2.48	ND	0.55	ND	ND	ND	ND	ND
MW-104	4/8/02	ND	6.07	2.20	ND	1.66	NA	ND	ND	ND	ND
MW-104	7/8/02	ND	5.41	1.83	ND	1.74	ND	ND	ND	ND	ND
MW-104	10/2/02	ND	5.87	1.84	ND	2.94	ND	ND	ND	ND	ND
MW-104	1/8/03	1.3	6.68	1.73	ND	3.17	ND	ND	ND	ND	ND
MW-104	4/17/03	1.4	7.85	1.77	ND	1.38	ND	ND	ND	ND	ND
MW-104 dup	4/17/03	ND	7.81	1.78	ND	1.34	ND	ND	NA	NA	NA
MW-104	10/6/03	ND	8.03	2.14	ND	0.87	ND	ND	ND	ND	ND
MW-104	7/7/04	ND (<0.01)	ND	1.88	ND	1.16	ND	ND	ND	ND	ND
MW-204	4/8/02	ND	3.26	3.47	ND	ND	NA	ND	ND	ND	ND
MW-204	7/8/02	2.9	2.96	2.92	ND	ND	ND	ND	ND	ND	ND
MW-204	10/2/02	2.9	2.85	2.97	ND	ND	ND	ND	ND	ND	ND
MW-204	1/8/03	3.9	2.72	2.87	ND	ND	ND	ND	ND	ND	ND
MW-204 dup	1/8/03	4.5	2.73	2.86	ND	ND	ND	ND	ND	ND	ND
MW-204	4/17/03	3.5	2.90	3.01	ND	ND	ND	ND	ND	ND	ND
MW-204	10/6/03	5.0	2.18	2.97	ND	ND	ND	ND	ND	ND	ND
MW-204	7/7/04	6.6	2.09	2.65	ND	ND	ND	ND	ND	ND	ND
MW-304	4/15/02	55.7	1.39	ND	ND	12.0	NA	0.77	9.6	ND	ND
MW-304	7/8/02	57.9	1.46	ND	ND	12.2	ND	1.00	ND	ND	ND
MW-304	10/2/02	53.8	1.38	ND	ND	12.3	0.95	0.90, 0.87[10]	2.0	ND	ND
MW-304	1/8/03	2.10	5.54	2.92	ND	ND	0.85	0.80, 0.63[10]	3.4	ND	ND
MW-304	4/3/03	56.4	1.36	ND	ND	12.5	0.85	0.90, 0.75[10]	2.7	ND	ND
MW-304	7/7/04	51.1	1.14	ND	ND	9.94	ND	ND	4.3	ND	ND
MW-105	4/8/02	ND	3.15	0.94	ND	12.1	NA	ND	ND	ND	ND
MW-105	7/8/02	3.0	3.04	1.53	ND	7.66	ND	ND	ND	ND	ND
MW-105	10/1/02	2.1	4.03	2.49	ND	12.4	ND	ND	ND	ND	ND
MW-105	2/18/03	7.8	2.71	1.65	ND	10.6	ND	ND	ND	ND	ND
MW-105	4/2/03	9.6	2.68	1.20	ND	6.08	ND	ND	ND	ND	ND
MW-105	10/7/03	7.4	2.54	1.15	ND	7.94	ND	ND	ND	ND	ND
MW-105	7/7/04	6.7	2.17	0.55	ND	8.85	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-205	4/8/02	ND	1.89	3.65	ND	0.57	NA	ND	ND	ND	ND
MW-205 dup	4/8/02	ND	1.82	3.50	ND	0.54	NA	ND	ND	ND	ND
MW-205	7/8/02	ND	1.65	3.06	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	7/8/02	ND	1.63	3.06	ND	ND	ND	ND	ND	ND	ND
MW-205	10/1/02	ND	1.55	3.01	ND	ND	ND	ND, 0.17[10]	ND	ND	ND
MW-205 dup	10/1/02	1.1	1.56	3.25	ND	ND	ND	ND, 0.14[10]	ND	ND	ND
MW-205	2/18/03	ND	1.54	3.01	ND	ND	ND	ND	ND	ND	ND
MW-205	4/2/03	1.4	1.55	2.97	ND	ND	ND	ND	ND	ND	ND
MW-205	10/7/03	1.1	1.45	2.82	ND	ND	ND	ND	ND	ND	ND
MW-205	7/7/04	0.9	1.31	2.55	ND	ND	ND	ND	ND	ND	ND
MW-106	4/4/02	ND	5.26	2.68	ND	9.84	NA	ND	ND	ND	ND
MW-106	7/9/02	ND	3.70	2.63	ND	8.35	ND	ND	ND	ND	ND
MW-106	10/3/02	ND	3.93	1.58	ND	9.65	ND	ND	ND	ND	ND
MW-106	1/6/03	ND	3.98	0.85	ND	7.87	ND	ND	ND	ND	ND
MW-106	4/3/03	ND	3.35	1.52	ND	7.51	ND	ND	ND	ND	ND
MW-106	7/7/03	ND	3.47	2.70	ND	8.04	ND	ND	ND	ND	ND
MW-106	10/15/03	ND	4.26	2.49	ND	7.92	ND	ND	ND	ND	ND
MW-106	1/9/04	5.20	4.27	2.74	ND	5.43	ND	ND	ND	ND	ND
MW-106 dup	1/9/04	ND	4.25	2.73	ND	5.78	ND	ND	ND	ND	ND
MW-106	4/12/04	ND	3.78	2.49	ND	5.77	ND	ND	ND	ND	ND
MW-106	7/22/04	ND (<0.01)	3.45	2.16	ND	5.22	ND	ND	ND	ND	ND
MW-106 dup	7/22/04	ND (<0.01)	3.51	2.16	ND	5.12	ND	ND	ND	ND	ND
MW-206	4/5/02	32.2	4.80	1.32	ND	3.00	NA	0.24	ND	ND	ND
MW-206	7/9/02	19.6	3.54	1.51	ND	1.35	ND	ND	ND	ND	ND
MW-206	10/3/02	20.0	3.28	1.37	ND	1.09	ND	ND	ND	ND	ND
MW-206	1/6/03	17.1	4.08	2.08	ND	0.94	ND	ND	ND	ND	ND
MW-206	4/3/03	12.8	3.40	1.61	ND	0.97	ND	ND	ND	ND	ND
MW-206	7/3/03	11.8	4.54	2.20	ND	0.73	ND	ND	ND	ND	ND
MW-206	10/15/03	18.1	3.80	2.02	ND	1.67	ND	ND	ND	ND	ND
MW-206 dup	10/15/03	16.7	3.84	2.00	ND	2.06	ND	ND	ND	ND	ND
MW-206	1/8/04	20.2	3.51	1.92	ND	0.96	ND	ND	ND	ND	ND
MW-206[11]	1/23/04	15.9	3.66	2.02	ND	ND	ND	ND	ND	ND	ND
MW-206	4/12/04	17.4	3.64	1.76	ND	0.75	ND	ND	ND	ND	ND
MW-206	7/22/04	28.8	3.31	1.55	ND	1.09	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-107	4/4/02	ND	6.81	2.41	ND	9.86	NA	ND	ND	ND	ND
MW-107	7/9/02	ND	6.16	2.55	ND	5.11	ND	ND	ND	ND	ND
MW-107	10/2/02	ND	6.20	2.59	ND	0.50	ND	ND	ND	ND	ND
MW-107	1/7/03	1.2	5.59	3.13	ND	0.70	ND	ND	ND	ND	ND
MW-107	4/3/03	2.1	4.62	2.63	ND	1.76	ND	ND	ND	ND	ND
MW-107	7/2/03	ND	6.52	3.92	ND	0.71	ND	ND	ND	ND	ND
MW-107 dup	7/2/03	ND	6.43	3.87	ND	0.67	ND	ND	ND	ND	ND
MW-107	10/15/03	14.0	5.06	2.94	ND	4.34	ND	ND	ND	ND	ND
MW-107	1/9/04	4.4	5.36	3.34	ND	1.47	ND	ND	ND	ND	ND
MW-107	4/13/04	6.5	6.02	3.43	ND	0.99	ND	ND	ND	ND	ND
MW-107 dup	4/13/04	6.6	6.14	3.50	ND	1.12	ND	ND	ND	ND	ND
MW-107	7/22/04	3.6	6.37	3.00	ND	1.21	ND	ND	ND	ND	ND
MW-207	4/4/02	4.9	3.67	2.03	ND	6.89	NA	ND	ND	ND	ND
MW-207	7/9/02	7.3	2.79	1.67	ND	5.44	ND	ND	ND	ND	ND
MW-207	10/2/02	4.2	2.68	1.61	ND	3.62	ND	ND	ND	ND	ND
MW-207	1/7/03	7.2	2.60	1.30	ND	3.39	ND	ND	ND	ND	ND
MW-207	4/3/03	12.7	2.71	1.50	ND	3.12	ND	ND	ND	ND	ND
MW-207 dup	4/3/03	12.6	2.71	1.50	ND	3.19	ND	ND	ND	ND	ND
MW-207	7/2/03	8.5	3.19	1.70	ND	3.07	ND	ND	ND	ND	ND
MW-207	10/15/03	13.7	2.59	1.61	ND	4.34	ND	ND	ND	ND	ND
MW-207	1/9/04	14.2	2.46	1.69	ND	3.56	ND	ND	ND	ND	ND
MW-207	4/12/04	15.9	2.48	1.67	ND	2.60	ND	ND	ND	ND	ND
MW-207	7/22/04	16.2	2.55	1.54	ND	2.71	ND	ND, (<0.05)[10]	ND	ND	ND
MW-108	4/5/02	ND	10.6	4.87	ND	ND	NA	0.09	ND	ND	ND
MW-108	7/9/02	ND	5.96	3.42	ND	ND	ND	ND	ND	ND	ND
MW-108	10/2/02	ND	6.16	3.42	ND	ND	0.50	0.50, 0.33[10]	ND	ND	ND
MW-108	1/7/03	1.0	7.45	3.85	ND	ND	ND	ND	ND	ND	ND
MW-108	4/4/03	ND	8.16	4.49	ND	ND	ND	ND	ND	ND	ND
MW-108	10/15/03	ND	7.80	3.15	ND	1.47	ND	ND	ND	ND	ND
MW-108	7/21/04	ND (<0.01)	6.30	3.23	ND	0.51	ND	ND, (<0.05)[10]	ND	ND	ND
MW-208	4/5/02	6.0	4.69	2.16	ND	3.03	NA	0.11	ND	ND	ND
MW-208	7/9/02	5.0	3.53	1.93	ND	1.26	ND	ND	ND	ND	ND
MW-208	10/2/02	5.5	3.66	1.98	ND	3.29	ND	ND	ND	ND	ND
MW-208	1/7/03	15.2	4.30	2.29	ND	7.63	ND	ND	ND	ND	ND
MW-208	4/4/03	42.2	4.50	2.06	ND	3.13	ND	ND	ND	ND	ND
MW-208	10/15/03	5.4	3.47	1.97	ND	1.4	ND	ND	ND	ND	ND
MW-208	7/21/04	7.1	3.30	1.70	ND	0.79	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-109	4/15/02	ND	3.65	0.98	ND	6.91	NA	ND	2.0	ND	ND
MW-109	7/9/02	ND	4.02	0.89	ND	5.10	ND	ND	ND	ND	ND
MW-109	10/2/02	ND	3.59	0.77	0.15	5.71	ND	ND, 0.12[10]	ND	ND	ND
MW-109	1/7/03	ND	4.16	1.69	ND	3.11	ND	ND	ND	ND	ND
MW-109 dup	1/7/03	ND	4.05	1.69	ND	3.08	ND	ND	ND	ND	ND
MW-109	4/17/03	ND	6.35	1.84	ND	2.23	ND	ND	ND	ND	ND
MW-109	10/6/03	ND	3.16	1.18	ND	2.59	ND	ND	ND	ND	ND
MW-109	7/8/04	ND (<0.01)	1.94	0.77	ND	3.96	ND	ND	ND	ND	ND
MW-209	4/15/02	14.0	3.55	1.21	ND	3.63	NA	0.25	46	ND	ND
MW-209	7/9/02	14.3	3.54	1.27	ND	0.91	ND	ND	45	ND	ND
MW-209	10/2/02	10.4	3.60	1.22	ND	ND	ND	ND, 0.30[10]	33	ND	ND
MW-209	1/7/03	12.1	3.63	1.22	ND	ND	ND	ND	26	ND	ND
MW-209	4/17/03	16.2	4.08	1.13	ND	0.71	ND	ND	40	ND	ND
MW-209 dup	4/17/03	15.6	4.03	1.10	ND	0.71	ND	ND	48	ND	ND
MW-209	10/6/03	9.1	3.28	1.31	ND	ND	ND	ND	55	ND	ND
MW-209	7/8/04	5.7	3.03	1.60	ND	0.51	ND	ND	26	ND	ND
MW-209 dup	7/8/04	6.6	3.02	1.62	ND	ND	ND	ND	25	ND	ND
MW-210	4/16/02	148	4.28	0.84	ND	9.93	NA	0.44	37	ND	ND
MW-210	7/15/02	204	4.91	ND	ND	15.8	ND	ND, (<0.05)[10]	9.2	ND	ND
MW-210 dup	7/15/02	201	4.88	ND	ND	15.9	ND	0.53[10]	14	ND	ND
MW-210	10/3/02	185	5.18	ND	ND	7.37	ND	ND	29	ND	ND
MW-210	1/7/03	114	3.65	1.02	ND	11.5	ND	ND	9.5	ND	ND
MW-210	4/18/03	196	5.13	0.31	ND	26.9	2.25	2.40, 2.13[10]	36	ND	ND
MW-210	7/20/04	170	4.59	0.27	ND	5.18	2.70	2.65	37	ND	ND
MW-111	4/18/02	4.2	10.8	3.05	ND	0.71	NA	ND	ND	ND	ND
MW-111	7/17/02	2.2	9.98	2.97	ND	0.81	ND	ND	ND	ND	ND
MW-111	10/10/02	1.7	9.63	3.53	ND	0.75	ND	ND	ND	ND	ND
MW-111	1/16/03	2.0	9.46	3.80	ND	0.61	ND	ND	ND	ND	ND
MW-111	4/10/03	2.2	10.6	3.17	ND	0.68	ND	ND	ND	ND	ND
MW-111	7/9/04	1.5	9.87	2.28	ND	1.04	ND	ND	ND	ND	ND
MW-211	4/18/02	2.0	8.72	5.16	ND	0.85	NA	ND	ND	ND	ND
MW-211	7/17/02	1.2	8.96	5.17	ND	0.92	ND	ND	ND	ND	ND
MW-211	10/10/02	1.9	8.93	5.29	ND	0.88	ND	ND	ND	ND	ND
MW-211	1/16/03	1.8	8.71	5.33	ND	0.84	ND	ND	ND	ND	ND
MW-211	4/11/03	1.2	9.79	5.26	ND	0.80	ND	ND	ND	ND	ND
MW-211 dup	4/11/03	2.0	9.82	5.28	ND	0.90	ND	ND	ND	ND	ND
MW-211	7/9/04	1.7	9.37	4.65	ND	1.1	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-311	4/18/02	4.4	3.38	4.03	ND	2.52	NA	ND	ND	ND	ND
MW-311	7/17/02	3.4	3.63	4.10	ND	2.76	ND	ND	ND	ND	ND
MW-311	10/11/02	6.0	3.44	3.96	ND	2.43	ND	ND	ND	ND	ND
MW-311	1/16/03	3.9	3.57	4.27	ND	2.44	ND	ND	ND	ND	ND
MW-311	4/3/03	2.9	3.43	4.04	ND	2.35	ND	ND	ND	ND	ND
MW-311	7/9/04	3.0	3.61	3.97	ND	2.25	ND	ND	ND	ND	ND
MW-112	4/17/02	ND	6.44	3.30	ND	3.85	NA	ND	ND	ND	ND
MW-112	7/16/02	ND	5.85	3.01	ND	3.68	ND	ND, (<0.05)[10]	ND	ND	ND
MW-112	10/4/02	ND	5.56	2.97	ND	4.29	ND	ND	ND	ND	ND
MW-112	1/17/03	2.8	5.26	2.83	ND	4.71	ND	ND	ND	ND	ND
MW-112	4/16/03	ND	5.24	2.87	ND	4.58	ND	ND	ND	ND	ND
MW-112	7/16/04	ND (<0.01)	4.07	2.42	ND	5.40	ND	ND	ND	ND	ND
MW-212	4/17/02	8.1	4.07	1.86	ND	1.17	NA	0.13	ND	ND	ND
MW-212	7/16/02	8.8	3.91	1.89	ND	1.09	ND	ND	ND	ND	ND
MW-212	10/4/02	8.4	3.32	1.89	ND	0.82	ND	ND	ND	ND	ND
MW-212	1/17/03	7.4	3.32	1.91	ND	0.70	ND	ND	ND	ND	ND
MW-212	4/18/03	6.5	3.25	1.83	ND	0.69	ND	ND	ND	ND	ND
MW-212	7/19/04	5.8	3.41	2.22	ND	0.98	ND	ND	ND	ND	ND
MW-113	4/16/02	1.0	3.66	1.81	ND	ND	NA	ND	ND	ND	ND
MW-113 dup	4/16/02	ND	3.69	1.82	ND	ND	NA	ND	ND	ND	ND
MW-113	7/15/02	ND	3.63	1.75	ND	ND	ND	ND, (<0.05)[10]	ND	ND	ND
MW-113	10/3/02	ND	3.08	1.52	ND	ND	ND	ND	ND	ND	ND
MW-113	2/17/03	ND	3.56	1.39	ND	ND	ND	ND	ND	ND	ND
MW-113	4/16/03	ND	4.12	1.62	ND	ND	ND	ND	ND	ND	ND
MW-113	10/7/03	ND	2.82	1.62	ND	ND	ND	ND	ND	ND	ND
MW-113	7/13/04	ND (<0.01)	3.20	1.53	ND	0.79	ND	ND, (<0.05)[10]	ND	ND	ND
MW-213	4/16/02	ND	6.26	3.44	ND	ND	NA	ND	ND	ND	ND
MW-213	7/15/02	1.6	6.27	3.40	ND	ND	ND	ND	ND	ND	ND
MW-213	10/2/02	ND	6.59	3.44	ND	ND	ND	ND	ND	ND	ND
MW-213 dup	10/2/02	ND	6.58	3.46	ND	ND	ND	ND	ND	ND	ND
MW-213	2/17/03	ND	5.95	3.00	ND	ND	ND	ND	ND	ND	ND
MW-213	4/16/03	ND	5.86	2.73	ND	ND	ND	ND	ND	ND	ND
MW-213	10/7/03	ND	5.64	3.15	ND	ND	ND	ND	ND	ND	ND
MW-213	7/13/04	0.3	4.87	2.53	ND	ND	ND	ND	ND	ND	ND
MW-214A	4/19/02	ND	10.7	2.49	ND	2.91	NA	1.01	ND	ND	ND
MW-214A	7/15/02	2.5	11.0	3.01	ND	2.78	ND	ND	ND	ND	ND
MW-214A	10/3/02	2.5	11.0	3.05	ND	2.92	ND	ND	ND	ND	ND
MW-214A	1/10/03	4.2	10.7	2.56	ND	2.58	ND	ND	ND	ND	ND
MW-214A	4/18/03	2.9	11.8	2.72	ND	2.84	ND	ND	ND	ND	ND
MW-214A	7/19/04	1.8	9.77	2.39	ND	3.13	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-115	4/19/02	ND	8.18	1.62	ND	12.6	NA	0.07	ND	ND	ND
MW-115	7/18/02	ND	7.15	1.68	ND	12.5	ND	ND	25	ND	ND
MW-115	10/14/02	ND	10.6	1.49	ND	10.1	ND	ND	ND	ND	ND
MW-115	1/9/03	ND	8.25	2.13	ND	10.6	ND	ND	ND	ND	ND
MW-115	4/22/03	ND	13.6	2.59	ND	11.5	ND	ND	ND	ND	ND
MW-115	7/12/04	0.70	6.15	0.78	ND	14.2	ND	ND	ND	ND	ND
MW-115 dup	7/12/04	ND (<0.01)	6.17	0.78	ND	14.3	ND	ND	ND	ND	ND
MW-215	4/22/02	ND	8.39	1.51	ND	2.85	NA	ND	ND	ND	ND
MW-215	7/18/02	ND	8.52	1.38	ND	4.24	ND	ND	ND	ND	ND
MW-215	10/14/02	ND	9.53	2.32	ND	2.22	ND	ND	ND	ND	ND
MW-215	1/9/03	ND	8.94	2.07	ND	2.08	ND	ND	ND	ND	ND
MW-215	4/22/03	1.1	9.76	1.94	ND	2.60	ND	ND	ND	ND	ND
MW-215	7/12/04	0.7	9.15	2.16	ND	2.06	ND	ND	ND	ND	ND
MW-116	4/17/02	ND	5.69	1.22	ND	1.16	NA	0.78	13	ND	ND
MW-116	7/16/02	ND	6.05	1.37	ND	ND	0.70	0.75	31	ND	ND
MW-116	10/4/02	ND	5.48	1.16	ND	1.03	1.25	1.30, 1.27[10]	27	ND	ND
MW-116	1/10/03	9.3	4.32	0.75	ND	3.93	4.60	4.65	110	ND	ND
MW-116	4/17/03	9.5	4.19	0.52	ND	5.49	4.95	5.00	180	ND	ND
MW-116 dup	4/17/03	9.6	4.18	0.53	ND	5.46	4.95	5.00	170	ND	ND
MW-116	7/19/04	19.4	2.17	0.29	ND	6.72	0.80	0.85, 7.39[10]	67	ND	ND
MW-216	4/17/02	ND	7.44	3.17	ND	ND	NA	ND	ND	ND	ND
MW-216	7/16/02	ND	7.79	3.28	ND	ND	ND	ND	ND	ND	ND
MW-216	10/4/02	ND	7.79	3.41	ND	ND	ND	ND	ND	ND	ND
MW-216	1/10/03	ND	7.69	3.51	ND	ND	ND	ND	ND	ND	ND
MW-216	4/17/03	ND	8.83	3.44	ND	ND	ND	ND, 4.28[10]	ND	ND	ND
MW-216	7/19/04	0.4	7.49	2.82	ND	0.76	ND	ND	ND	ND	ND
MW-216 dup	7/19/04	0.6	7.45	2.82	ND	0.63	ND	ND	ND	ND	ND
MW-117	4/18/02	27.0	8.00	2.88	ND	1.61	NA	0.10	ND	ND	ND
MW-117	7/17/02	14.9	8.24	2.96	ND	1.52	ND	ND	ND	ND	ND
MW-117	10/10/02	15.2	8.12	2.98	ND	1.90	ND	ND	ND	ND	ND
MW-117	1/16/03	6.8	8.00	3.04	ND	1.43	ND	ND	ND	ND	ND
MW-117	4/10/03	9.1	8.97	3.01	ND	1.59	ND	ND	ND	ND	ND
MW-117	7/9/04	10.0	6.94	2.29	ND	2.12	ND	ND	ND	ND	ND
MW-217	4/18/02	1.4	8.06	4.45	ND	1.36	NA	ND	ND	ND	ND
MW-217	7/17/02	1.1	8.18	4.43	ND	1.48	ND	ND	ND	ND	ND
MW-217	10/7/02	1.1	7.95	4.55	ND	1.50	ND	ND	ND	ND	ND
MW-217	1/16/03	3.5	8.07	4.62	ND	1.47	ND	ND	ND	ND	ND
MW-217	4/10/03	2.1	9.01	4.55	ND	1.40	ND	ND	ND	ND	ND
MW-217	7/9/04	2.0	7.65	3.68	ND	1.68	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-118	4/19/02	ND	4.04	1.71	ND	5.55	NA	0.07	ND	ND	ND
MW-118	7/18/02	ND	4.42	ND	ND	6.44	ND	ND	ND	ND	ND
MW-118	10/14/02	ND	5.31	2.78	ND	5.80	0.50	0.50	ND	ND	ND
MW-118	1/10/03	ND	4.97	2.47	ND	5.66	ND	ND	ND	ND	ND
MW-118	4/23/03	ND	5.66	1.85	ND	5.48	ND	ND, (<0.05)[10]	ND	ND	ND
MW-118	7/12/04	ND (<0.01)	3.32	1.77	ND	4.65	ND	ND	ND	ND	ND
MW-218	4/19/02	9.9	3.82	1.39	ND	10.1	NA	ND	ND	ND	ND
MW-218	7/18/02	8.2	3.95	1.41	ND	10.1	ND	ND	ND	ND	ND
MW-218	10/14/02	10.0	4.11	1.39	ND	10.1	ND	ND	ND	ND	ND
MW-218	1/10/03	8.5	4.02	1.41	ND	9.63	ND	ND	ND	ND	ND
MW-218 dup	1/10/03	4.6	3.97	1.41	ND	9.62	ND	ND	ND	ND	ND
MW-218	4/23/03	7.1	4.32	1.39	ND	9.49	ND	ND, (<0.05)[10]	ND	ND	ND
MW-218	7/12/04	7.3	3.45	1.24	ND	8.98	ND	ND	ND	ND	ND
MW-219	4/16/02	1.1	3.36	0.37	ND	6.71	NA	0.06	ND	ND	ND
MW-219 dup	4/16/02	ND	3.46	0.39	ND	6.87	NA	0.14	ND	ND	ND
MW-219	7/16/02	ND	3.79	0.43	ND	6.05	ND	ND	ND	ND	ND
MW-219	10/3/02	ND	3.63	0.44	ND	5.48	ND	ND	ND	ND	ND
MW-219	1/7/03	1.2	3.97	0.48	ND	5.65	ND	ND	ND	ND	ND
MW-219	4/18/03	ND	4.04	0.35	ND	6.32	ND	ND	ND	ND	ND
MW-219	7/19/04	0.1	3.03	0.33	ND	5.31	ND	ND	ND	ND	ND
MW-220	4/25/02	2.1	5.62	2.10	ND	6.49	NA	ND	ND	ND	ND
MW-220	7/17/02	ND	5.55	1.89	ND	5.84	ND	ND	ND	ND	ND
MW-220	10/10/02	ND	5.00	1.87	ND	5.56	ND	ND	ND	ND	ND
MW-220	1/15/03	ND	5.62	2.26	ND	6.08	ND	ND	ND	ND	ND
MW-220	4/21/03	1.0	6.19	2.75	ND	5.38	ND	ND	ND	ND	ND
MW-220	7/19/04	ND (<0.01)	4.28	2.17	ND	6.01	ND	ND	ND	ND	ND
MW-221	4/22/02	ND	7.40	1.82	ND	10.3	NA	0.32	ND	ND	ND
MW-221	7/19/02	ND	7.20	2.90	ND	6.39	ND	ND	ND	ND	ND
MW-221	10/16/02	ND	6.37	3.27	ND	5.49	ND	ND	ND	ND	ND
MW-221	1/10/03	ND	8.02	2.66	ND	7.55	ND	ND	ND	ND	ND
MW-221	4/11/03	ND	7.58	1.78	ND	8.67	ND	ND	ND	ND	ND
MW-221	7/9/04	ND (<0.01)	5.91	1.60	ND	10.8	ND	ND	ND	ND	ND
MW-122	4/25/02	5.3	4.33	2.36	ND	9.40	NA	ND	ND	ND	ND
MW-122	7/17/02	3.8	4.08	1.92	ND	6.71	ND	ND	ND	ND	ND
MW-122	10/10/02	3.8	4.68	2.33	ND	12.3	ND	ND	ND	ND	ND
MW-122	1/15/03	6.1	5.01	2.11	ND	17.9	ND	ND	ND	ND	ND
MW-122	4/21/03	5.1	4.98	2.03	ND	12.9	ND	ND	ND	ND	ND
MW-122	7/16/04	4.4	4.20	2.33	ND	6.94	ND	ND	ND	ND	ND
MW-122 dup	7/16/04	4.3	4.18	2.32	ND	7.02	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-222	4/25/02	9.4	1.88	0.69	ND	0.81	NA	ND	ND	ND	ND
MW-222	7/17/02	12.0	1.88	0.39	ND	0.69	ND	ND	ND	ND	ND
MW-222 dup	7/17/02	8.8	1.89	0.37	ND	0.96	ND	ND	ND	ND	ND
MW-222	10/10/02	9.2	1.91	0.59	ND	0.85	ND	ND	ND	ND	ND
MW-222	1/15/03	13.5	1.87	0.54	ND	0.86	ND	ND	ND	ND	ND
MW-222	4/21/03	11.3	2.16	0.68	ND	0.84	ND	ND	ND	ND	ND
MW-222	7/16/04	10.2	1.79	0.61	ND	1.09	ND	ND	ND	ND	ND
MW-123	4/17/02	4.1	8.58	2.53	ND	5.63	NA	0.16	ND	ND	ND
MW-123	4/17/02	4.1	8.58	2.53	ND	5.63	NA	0.16	ND	ND	ND
MW-123	7/17/02	3.1	8.15	2.34	ND	3.77	ND	ND	ND	ND	ND
MW-123 dup	7/17/02	1.5	8.05	2.34	ND	3.64	ND	ND	ND	ND	ND
MW-123	10/7/02	1.1	9.74	3.09	ND	2.11	0.55	0.80	ND	ND	ND
MW-123	1/8/03	2.3	11.06	4.06	ND	1.51	ND	ND	ND	ND	ND
MW-123	4/4/03	1.0	14.8	4.25	ND	4.03	ND	ND	ND	ND	ND
MW-123	7/8/04	2.9	11.1	3.31	ND	8.02	ND	ND	ND	ND	ND
MW-223	4/18/02	2.6	4.02	2.83	ND	0.71	NA	ND	ND	ND	ND
MW-223	7/17/02	2.9	5.77	2.91	ND	ND	ND	ND	ND	ND	ND
MW-223	10/7/02	1.4	5.54	2.94	ND	ND	ND	ND	ND	ND	ND
MW-223	1/8/03	55.8	1.42	ND	ND	12.1	ND	ND	ND	ND	ND
MW-223	4/4/03	ND	6.19	3.10	ND	ND	ND	ND	ND	ND	ND
MW-223	7/8/04	0.9	5.55	2.89	ND	0.63	ND	ND	ND	ND	ND
MW-124	4/17/02	ND	6.94	2.89	ND	1.09	NA	ND	ND	ND	ND
MW-124	7/16/02	ND	8.26	3.12	ND	1.01	ND	ND	ND	ND	ND
MW-124	10/7/02	ND	7.35	3.12	ND	1.13	ND	ND	ND	ND	ND
MW-124	1/10/03	ND	6.58	2.58	ND	1.00	ND	ND	ND	ND	ND
MW-124	4/18/03	ND	7.61	3.01	ND	0.93	ND	ND	ND	ND	ND
MW-124	10/8/03	ND	6.41	2.95	ND	0.87	ND	ND	ND	ND	ND
MW-124	7/20/04	ND	6.40	2.54	ND	1.19	ND	ND	ND	ND	ND
MW-224	4/17/02	4.9	6.72	3.47	ND	ND	NA	ND	ND	ND	ND
MW-224	7/16/02	ND	7.03	3.52	ND	ND	ND	ND	ND	ND	ND
MW-224	10/7/02	ND	7.19	3.60	ND	0.24	ND	ND	ND	ND	ND
MW-224	1/15/03	1.4	6.50	3.60	ND	ND	ND	ND	ND	ND	ND
MW-224	4/18/03	1.0	6.37	3.16	ND	ND	ND	ND	ND	ND	ND
MW-224	10/8/03	2.6	6.02	3.36	ND	ND	ND	ND	ND	ND	ND
MW-224	7/20/04	0.9	6.82	3.28	ND	0.54	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-125	4/16/02	ND	6.14	2.98	ND	0.95	NA	ND	ND	ND	ND
MW-125	7/16/02	ND	6.14	2.86	ND	0.90	ND	ND, (<0.05)[10]	ND	ND	ND
MW-125 dup	7/16/02	ND	6.15	2.82	ND	0.95	ND	ND	ND	ND	ND
MW-125	10/4/02	ND	6.16	2.83	ND	1.02	ND	ND	ND	ND	ND
MW-125	1/15/03	ND	5.98	3.04	ND	1.09	ND	ND	ND	ND	ND
MW-125	4/18/03	ND	6.33	2.77	ND	1.18	ND	ND	ND	ND	ND
MW-125	10/7/03	ND	5.62	2.83	ND	1.33	ND	ND	ND	ND	ND
MW-125	7/20/04	ND (<0.01)	5.54	2.35	ND	1.72	ND	ND	ND	ND	ND
MW-225	4/16/02	18.3	6.05	3.16	ND	1.52	NA	ND	ND	ND	ND
MW-225	7/16/02	3.4	6.52	3.56	ND	ND	ND	ND, (<0.05)[10]	ND	ND	ND
MW-225	10/7/02	6.3	5.98	3.31	ND	0.76	ND	ND	ND	ND	ND
MW-225	1/15/03	5.9	6.57	3.67	ND	0.53	ND	ND	ND	ND	ND
MW-225	4/22/03	2.4	7.30	3.59	ND	ND	ND	ND	ND	ND	ND
MW-225	10/7/03	2.6	6.35	3.53	ND	ND	ND	ND	ND	ND	ND
MW-225	7/21/04	4.9	6.33	3.09	ND	0.91	ND	ND	ND	ND	ND
MW-226	4/16/02	ND	5.93	1.71	ND	1.65	NA	ND	ND	ND	ND
MW-226	7/12/02	1.6	6.70	2.08	ND	1.52	ND	ND	ND	ND	ND
MW-226	10/3/02	2.4	6.38	2.05	ND	1.97	ND	ND	ND	ND	ND
MW-226	2/17/03	2.4	5.87	1.65	ND	2.05	ND	ND	ND	ND	ND
MW-226	4/22/03	1.8	5.92	1.52	ND	1.69	ND	ND	ND	ND	ND
MW-226	10/17/03	1.9	5.91	2.23	ND	1.67	ND	ND	ND	ND	ND
MW-226	7/21/04	2.2	5.01	1.52	ND	1.87	ND	ND	ND	ND	ND
MW-227	4/15/02	1.6	7.26	2.24	ND	ND	NA	ND	ND	ND	ND
MW-227	7/12/02	ND	8.03	2.68	ND	ND	ND	ND	ND	ND	ND
MW-227	10/14/02	ND	8.00	2.69	ND	ND	ND	ND	ND	ND	ND
MW-227	1/15/03	ND	7.60	2.65	ND	ND	ND	ND	ND	ND	ND
MW-227 dup	1/15/03	1.1	7.62	2.66	ND	ND	ND	ND	ND	ND	ND
MW-227	4/21/03	ND	7.80	2.48	ND	ND	ND	ND	ND	ND	ND
MW-227	10/21/03	ND	6.62	2.12	ND	ND	ND	ND	ND	ND	ND
MW-227	7/21/04	0.5	5.96	1.87	ND	ND	ND	ND	ND	ND	ND
MW-128	4/18/02	ND	7.91	2.06	ND	ND	NA	ND	ND	ND	ND
MW-128	7/18/02	ND	7.65	2.09	ND	ND	ND	ND	ND	ND	ND
MW-128 dup	7/18/02	ND	7.65	2.09	ND	ND	ND	ND	ND	ND	ND
MW-128	10/11/02	ND	8.23	2.53	ND	ND	ND	ND	ND	ND	ND
MW-128	1/16/03	ND	8.26	2.66	ND	ND	ND	ND	ND	ND	ND
MW-128	4/9/03	ND	9.38	1.97	ND	ND	ND	ND	ND	ND	ND
MW-128	10/8/03	ND	7.39	1.79	ND	0.56	ND	ND	ND	ND	ND
MW-128	7/12/04	0.2	7.08	1.70	ND	1.03	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-228	4/18/02	ND	10.4	5.60	ND	4.58	NA	ND	ND	ND	ND
MW-228	7/18/02	ND	10.5	5.67	ND	4.47	ND	ND	ND	ND	ND
MW-228	10/14/02	ND	10.7	5.49	ND	4.88	ND	ND	ND	ND	ND
MW-228 dup	10/14/02	ND	10.7	5.41	ND	4.94	ND	ND	ND	ND	ND
MW-228	1/16/03	1.3	9.83	5.72	ND	4.01	ND	ND	ND	ND	ND
MW-228	4/9/03	ND	11.4	5.82	ND	3.97	ND	ND	ND	ND	ND
MW-228	10/8/03	ND	8.95	5.25	ND	3.77	ND	ND	ND	ND	ND
MW-228	7/12/04	0.8	9.45	4.78	ND	4.06	ND	ND, (<0.05)[10]	ND	ND	ND
MW-129	4/10/02	ND	8.20	5.85	ND	ND	NA	ND	ND	ND	ND
MW-129	7/10/02	ND	7.68	2.83	ND	ND	ND	ND	ND	ND	ND
MW-129	10/9/02	ND	8.00	3.16	ND	ND	ND	ND	ND	ND	ND
MW-129	1/13/03	ND	7.81	3.19	ND	ND	ND	ND	ND	ND	ND
MW-129	4/15/03	ND	8.90	3.04	ND	ND	ND	ND	ND	ND	ND
MW-129	10/14/03	ND	7.48	3.14	ND	1.34	ND	ND	ND	ND	ND
MW-129	7/14/04	ND (<0.01)	7.72	2.51	ND	ND	ND	ND	ND	ND	ND
MW-229	4/11/02	1.6	7.76	4.49	ND	ND	NA	ND	ND	ND	ND
MW-229 dup	4/11/02	1.5	7.50	4.26	ND	ND	NA	ND	ND	ND	ND
MW-229	7/10/02	ND	6.86	3.47	ND	ND	ND	ND	ND	ND	ND
MW-229	10/9/02	ND	7.06	3.57	ND	ND	ND	ND	ND	ND	ND
MW-229	1/13/03	ND	6.88	3.67	ND	ND	ND	ND	ND	ND	ND
MW-229	4/15/03	1.1	7.85	3.72	ND	ND	ND	ND	ND	ND	ND
MW-229	10/14/03	ND	6.77	3.47	ND	0.97	ND	ND	ND	ND	ND
MW-229	7/14/04	ND (<0.01)	6.87	3.09	ND	0.56	ND	ND	ND	ND	ND
MW-229 dup	7/14/04	0.5	7.18	3.04	ND	0.53	ND	ND	ND	ND	ND
MW-130	4/22/02	1.8	10.3	2.75	ND	1.00	NA	ND	ND	ND	ND
MW-130	7/19/02	2.1	12.5	3.55	ND	1.74	ND	ND	ND	ND	ND
MW-130	10/16/02	1.6	12.9	3.48	ND	1.04	ND	ND	ND	ND	ND
MW-130	1/17/03	2.2	9.83	3.05	ND	ND	ND	ND	ND	ND	ND
MW-130	4/9/03	2.0	11.0	2.95	ND	0.87	ND	ND	ND	ND	ND
MW-130	7/2/03	6.3	7.1	2.33	ND	1.74	ND	ND	ND	ND	ND
MW-130	10/16/03	7.5	9.23	2.35	ND	2.34	ND	ND	ND	ND	ND
MW-130 dup	10/16/03	6.2	9.31	2.36	ND	3.50	ND	ND	ND	ND	ND
MW-130	1/9/04	3.8	9.68	1.78	ND	3.69	ND	ND	ND	ND	ND
MW-130 dup	1/9/04	2.8	9.65	1.77	ND	3.22	ND	ND	ND	ND	ND
MW-130	4/13/04	5.6	8.47	1.29	ND	3.38	ND	ND	ND	ND	ND
MW-130	7/21/04	2.7	13.5	2.07	ND	3.00	ND	ND, 0.195[10]	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-230	4/22/02	5.9	7.25	7.40	ND	0.74	NA	ND	ND	ND	ND
MW-230	7/19/02	3.5	5.70	6.54	ND	ND	ND	ND	ND	ND	ND
MW-230	10/16/02	3.6	6.49	6.98	ND	ND	ND	ND	ND	ND	ND
MW-230	1/17/03	1.8	7.35	7.93	ND	ND	ND	ND	ND	ND	ND
MW-230	4/9/03	2.1	7.98	8.24	ND	ND	ND	ND	ND	ND	ND
MW-230	7/2/03	1.4	7.68	8.98	ND	ND	ND	ND	ND	ND	ND
MW-230	10/16/03	1.1	7.00	8.61	ND	0.79	ND	ND	ND	ND	ND
MW-230	1/12/04	2.8	6.70	8.32	ND	0.75	ND	ND	ND	ND	ND
MW-230	4/13/04	1.6	6.44	8.22	ND	ND	ND	ND	ND	ND	ND
MW-230	7/21/04	2.2	6.99	9.47	ND	0.54	ND	ND	ND	ND	ND
MW-131	4/12/02	2.6	7.08	1.64	ND	ND	NA	0.55	ND	ND	ND
MW-131 dup	4/12/02	2.0	7.05	1.62	ND	ND	NA	0.54	ND	ND	ND
MW-131	7/11/02	2.2	6.45	1.15	ND	2.20	ND	ND	ND	ND	ND
MW-131	10/9/02	2.9	5.97	0.90	ND	1.16	ND	ND	ND	ND	ND
MW-131	1/14/03	4.8	5.51	2.23	ND	1.27	ND	ND	ND	ND	ND
MW-131	4/16/03	2.8	7.18	1.71	ND	ND	ND	ND	ND	ND	ND
MW-131	10/14/03	4.5	5.87	1.33	ND	1.58	ND	ND	ND	ND	ND
MW-131	7/16/04	3.0	6.24	1.56	ND	0.65	ND	ND	ND	ND	ND
MW-231	4/12/02	2.5	6.32	3.06	ND	ND	NA	ND	ND	ND	ND
MW-231	7/11/02	2.2	5.23	2.17	ND	2.15	ND	ND	ND	ND	ND
MW-231	10/9/02	3.5	4.89	2.14	ND	1.12	ND	ND	ND	ND	ND
MW-231 dup	10/9/02	3.3	4.90	2.10	ND	1.10	ND	ND	ND	ND	ND
MW-231	1/14/03	5.4	6.34	1.09	ND	0.87	ND	ND	ND	ND	ND
MW-231	4/16/03	2.2	6.66	2.74	ND	ND	ND	ND	ND	ND	ND
MW-231	10/14/03	3.9	5.29	2.33	ND	1.13	ND	ND	ND	ND	ND
MW-231	7/16/04	2.7	6.13	2.43	ND	0.59	ND	ND	ND	ND	ND
MW-132	4/18/02	ND	10.4	5.87	ND	2.56	NA	0.22	ND	ND	ND
MW-132	7/18/02	ND	9.49	5.55	ND	2.67	ND	ND	ND	ND	ND
MW-132	10/11/02	ND	9.16	5.94	ND	2.05	ND	ND	ND	ND	ND
MW-132	1/17/03	ND	11.4	7.07	ND	2.06	ND	ND	ND	ND	ND
MW-132	4/4/03	ND	11.2	7.83	ND	2.14	ND	ND	ND	ND	ND
MW-132	10/8/03	ND	12.0	9.98	ND	1.55	ND	ND	ND	ND	ND
MW-132	7/8/04	ND (<0.01)	9.36	5.69	ND	2.58	ND	ND	ND	ND	ND
MW-232	4/18/02	4.2	7.75	2.23	ND	ND	NA	ND	ND	ND	ND
MW-232	7/18/02	2.1	8.05	2.38	ND	ND	ND	ND	ND	ND	ND
MW-232	10/11/02	3.0	7.95	2.44	ND	ND	ND	ND	ND	ND	ND
MW-232	1/17/03	3.3	8.00	2.48	ND	ND	ND	ND	ND	ND	ND
MW-232 dup	1/17/03	3.6	8.00	2.48	ND	ND	ND	ND	ND	ND	ND
MW-232	4/4/03	2.2	8.97	2.60	ND	ND	ND	ND	ND	ND	ND
MW-232	10/8/03	2.5	7.20	2.45	ND	ND	ND	ND	ND	ND	ND
MW-232	7/9/04	1.5	7.12	2.20	ND	0.55	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-133	4/16/02	ND	7.32	1.79	ND	ND	NA	0.06	ND	ND	ND
MW-133	7/15/02	ND	7.27	1.76	ND	ND	ND	ND	ND	ND	ND
MW-133 dup	7/15/02	ND	7.19	1.75	ND	ND	ND	ND	ND	ND	ND
MW-133	10/3/02	ND	7.18	1.66	ND	ND	ND	ND	ND	ND	ND
MW-133	1/15/03	ND	7.40	1.69	ND	ND	ND	ND	ND	ND	ND
MW-133	4/22/03	ND	8.08	1.76	ND	ND	ND	ND	ND	ND	ND
MW-133	10/16/03	ND	6.98	1.66	ND	ND	ND	ND	ND	ND	ND
MW-133	7/13/04	ND (<0.01)	6.30	1.41	ND	ND	ND	ND	ND	ND	ND
MW-233	4/16/02	ND	6.54	2.11	ND	ND	NA	ND	ND	ND	ND
MW-233	7/15/02	ND	6.56	2.12	ND	ND	ND	ND	ND	ND	ND
MW-233	10/3/02	ND	6.62	2.11	ND	ND	ND	ND	ND	ND	ND
MW-233	1/16/03	ND	6.80	2.13	ND	ND	ND	ND	ND	ND	ND
MW-233	4/22/03	ND	7.43	2.02	ND	ND	ND	ND, (<0.05)[10]	ND	ND	ND
MW-233	10/17/03	ND	6.84	2.06	ND	ND	ND	ND	ND	ND	ND
MW-233	7/13/04	ND (<0.01)	6.71	1.90	ND	0.53	ND	ND	ND	ND	ND
MW-134	4/19/02	ND	6.32	0.85	ND	ND	NA	ND	ND	ND	ND
MW-134	7/18/02	1.1	7.54	1.13	ND	ND	ND	ND	ND	ND	ND
MW-134	10/11/02	ND	6.10	2.00	ND	ND	ND	ND	ND	ND	ND
MW-134	1/9/03	ND	8.01	0.95	ND	ND	ND	ND	ND	ND	ND
MW-134	4/21/03	ND	9.11	0.89	ND	ND	ND	ND	ND	ND	ND
MW-134	10/16/03	ND	6.77	1.05	ND	ND	ND	ND, (<0.05)[10]	ND	ND	ND
MW-134	7/13/04	ND (<0.01)	7.09	1.32	ND	ND	ND	ND	ND	ND	ND
MW-234	4/19/02	ND	8.77	3.73	ND	2.07	NA	ND	ND	ND	ND
MW-234	7/18/02	ND	8.98	3.73	ND	1.36	ND	ND	ND	ND	ND
MW-234	10/11/02	ND	8.76	ND	3.72	0.78	ND	ND	ND	ND	ND
MW-234	1/9/03	1.4	8.78	3.77	ND	ND	ND	ND	ND	ND	ND
MW-234	4/21/03	1.1	10.6	3.80	ND	ND	ND	ND	ND	ND	ND
MW-234	10/16/03	2.2	9.07	3.77	ND	ND	ND	ND	ND	ND	ND
MW-234	7/13/04	1.7	9.07	3.41	ND	0.55	ND	ND	ND	ND	ND
MW-135A	10/10/02	11.8	4.76	1.76	ND	14.5	ND	ND	ND	ND	ND
MW-135A	1/8/03	11.6	4.51	1.49	ND	17.6	ND	ND	ND	ND	ND
MW-135A	4/2/03	4.7	3.77	1.90	ND	0.64	ND	ND	ND	ND	ND
MW-135A	7/7/03	5.6	4.56	2.29	ND	3.64	ND	ND, (<0.05)[10]	ND	ND	ND
MW-135A	10/20/03	6.1	4.26	2.34	ND	11.7	ND	ND	ND	ND	ND
MW-135A dup	10/20/03	5.8	4.29	2.34	ND	11.6	ND	ND	ND	ND	ND
MW-135A	1/13/04	5.4	3.99	2.28	ND	8.24	ND	ND	ND	ND	ND
MW-135A	4/28/04	7.6	5.26	2.77	ND	9.52	ND	ND	ND	ND	ND
MW-135A	7/22/04	4.4	4.04	2.16	ND	6.91	ND	ND, 0.106[10]	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-235B	10/10/02	9.1	4.07	1.85	ND	9.95	0.50	0.50	ND	ND	ND
MW-235B	1/8/03	11.3	4.26	1.49	ND	33.1	1.05	1.05, 0.78[10]	ND	ND	ND
MW-235B	4/2/03	8.6	3.82	1.49	ND	16.5	ND	ND	ND	ND	ND
MW-235B	7/7/03	10.8	5.04	1.76	ND	9.65	ND	ND	ND	ND	ND
MW-235B	10/20/03	5.5	2.80	1.66	ND	5.37	ND	ND	ND	ND	ND
MW-235B	1/13/04	7.4	3.66	1.81	ND	6.51	ND	ND	ND	ND	ND
MW-235B	4/28/04	8.7	4.99	2.14	ND	6.45	ND	ND	ND	ND	ND
MW-235B	7/23/04	7.6	3.58	1.64	ND	5.08	ND	ND	ND	ND	ND
MW-235C	10/10/02	5.6	3.47	1.48	ND	14.4	ND	ND	ND	ND	ND
MW-235C	1/8/03	8.0	2.85	1.47	ND	10.1	ND	ND	ND	ND	ND
MW-235C	4/3/03	3.2	2.58	1.50	ND	1.38	ND	ND	ND	ND	ND
MW-235C	7/3/03	3.3	3.03	1.67	ND	4.29	ND	ND	ND	ND	ND
MW-235C	10/21/03	12.9	4.03	1.79	ND	7.25	ND	ND	ND	ND	ND
MW-235C	1/12/04	3.5	2.40	1.57	ND	6.81	ND	ND	ND	ND	ND
MW-235C dup	1/12/04	3.0	2.49	1.56	ND	6.62	ND	ND	ND	ND	ND
MW-235C	4/28/04	4.7	3.11	1.75	ND	6.65	ND	ND	ND	ND	ND
MW-235C	7/23/04	ND (<0.01)	2.47	1.47	ND	6.43	ND	ND	ND	ND	ND
MW-136A	10/17/02	4.9	6.76	1.77	ND	1.63	0.75	0.75	ND	ND	ND
MW-136A	1/14/03	1.2	6.39	1.97	ND	0.57	ND	ND	ND	ND	ND
MW-136A	4/11/03	ND	7.66	1.79	ND	0.38	ND	ND	ND	ND	ND
MW-136A	7/9/03	ND	7.49	2.04	ND	ND	ND	ND	ND	ND	ND
MW-136A	10/9/03	ND	6.19	1.49	ND	ND	ND	ND	ND	ND	ND
MW-136A	1/5/04	ND	6.60	1.68	ND	ND	ND	ND	ND	ND	ND
MW-136A	4/6/04	ND	5.38	1.31	ND	ND	ND	ND	ND	ND	ND
MW-136A	7/15/04	0.3	5.70	0.85	ND	0.79	ND	ND	ND	ND	ND
MW-136A dup	7/15/04	0.6	5.69	0.83	ND	0.86	ND	ND	ND	ND	ND
MW-236B	10/17/02	2.8	5.35	2.43	ND	5.67	ND	ND	ND	ND	ND
MW-236B	1/14/03	10.3	5.58	2.23	ND	4.18	ND	ND	ND	ND	ND
MW-236B	4/11/03	9.3	8.05	2.21	ND	2.10	ND	ND	ND	ND	ND
MW-236B	7/10/03	10.7	7.43	2.34	ND	3.94	ND	ND	ND	ND	ND
MW-236B	10/9/03	7.0	5.55	2.25	ND	1.51	ND	ND	ND	ND	ND
MW-236B	1/5/04	6.5	5.08	2.25	ND	0.85	ND	ND	ND	ND	ND
MW-236B	4/6/04	9.9	5.24	2.25	ND	1.50	ND	ND	ND	ND	ND
MW-236B	7/15/04	13.2	4.72	2.18	ND	1.21	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-236C	10/17/02	2.1	3.95	3.20	ND	12.4	ND	ND	ND	ND	ND
MW-236C	1/14/03	ND	3.63	2.74	ND	0.97	ND	ND	ND	ND	ND
MW-236C	4/11/03	2.3	4.14	2.93	ND	0.88	ND	ND	ND	ND	ND
MW-236C dup	4/11/03	1.9	4.03	2.92	ND	0.81	ND	ND	ND	ND	ND
MW-236C	7/8/03	2.1	4.11	3.31	ND	1.30	ND	ND	ND	ND	ND
MW-236C	10/9/03	2.0	3.44	2.92	ND	0.71	ND	ND	ND	ND	ND
MW-236C dup	10/9/03	2.0	3.45	2.92	ND	0.76	ND	ND	ND	ND	ND
MW-236C	1/6/04	2.4	3.33	2.82	ND	0.60	ND	ND	ND	ND	ND
MW-236C	4/6/04	2.3	3.36	2.90	ND	0.82	ND	ND	ND	ND	ND
MW-236C	7/15/04	2.9	3.39	2.61	ND	0.94	ND	ND	ND	ND	ND
MW-137A	10/16/02	7.5	9.53	3.63	ND	14.6	ND	ND	ND	ND	ND
MW-137A	1/9/03	8.1	8.66	3.33	ND	0.68	ND	ND	ND	ND	ND
MW-137A dup	1/9/03	7.4	8.76	3.30	ND	ND	ND	ND	ND	ND	ND
MW-137A	4/4/03	6.7	9.84	3.37	ND	ND	ND	ND	ND	ND	ND
MW-137A	7/3/03	9.4	8.69	3.51	ND	ND	ND	ND	ND	ND	ND
MW-137A	10/20/03	5.1	8.79	2.31	ND	ND	ND	ND	ND	ND	ND
MW-137A	1/12/04	6.3	8.46	3.19	ND	0.77	ND	ND	ND	ND	ND
MW-137A	4/14/04	5.6	8.67	3.20	ND	ND	ND	ND	ND	ND	ND
MW-137A	7/22/04	2.5	8.53	2.80	ND	0.56	ND	ND	ND	ND	ND
MW-237B	10/16/02	7.7	9.43	4.65	ND	20.7	ND	ND	ND	ND	ND
MW-237B dup	10/16/02	7.2	8.82	4.40	ND	19.1	ND	ND	ND	ND	ND
MW-237B	1/9/03	9.2	8.74	4.49	ND	2.73	ND	ND	ND	ND	ND
MW-237B	4/9/03	10.0	9.55	4.21	ND	1.07	ND	ND	ND	ND	ND
MW-237B	7/7/03	12.7	8.97	4.72	ND	0.81	ND	ND	ND	ND	ND
MW-237B	10/20/03	16.8	9.42	3.92	ND	1.88	ND	ND	ND	ND	ND
MW-237B	1/12/04	12.7	9.39	3.87	ND	3.01	ND	ND	ND	ND	ND
MW-237B	4/27/04	15.1	9.42	4.33	ND	0.91	ND	ND	4.4	ND	ND
MW-237B dup	4/27/04	15.8	9.65	4.52	ND	0.86	ND	ND	ND	ND	ND
MW-237B	7/23/04	11.3	9.15	3.52	ND	0.97	ND	ND	ND	ND	ND
MW-237C	10/16/02	4.6	7.67	7.08	ND	1.09	ND	ND	ND	ND	ND
MW-237C	1/10/03	2.0	7.51	7.61	ND	ND	ND	ND	ND	ND	ND
MW-237C	4/10/03	2.5	8.58	7.27	ND	ND	ND	ND	ND	ND	ND
MW-237C	7/3/03	1.3	8.65	6.80	ND	ND	ND	ND	ND	ND	ND
MW-237C	10/20/03	1.9	7.92	5.80	ND	ND	ND	ND	ND	ND	ND
MW-237C dup	10/20/03	1.3	7.93	5.81	ND	ND	ND	ND	ND	ND	ND
MW-237C	1/12/04	2.2	7.76	6.07	ND	0.70	ND	ND	ND	ND	ND
MW-237C	4/14/04	1.1	8.25	6.29	ND	ND	ND	ND	ND	ND	ND
MW-237C dup	4/14/04	2.2	8.27	6.32	ND	ND	ND	ND	ND	ND	ND
MW-237C	7/23/04	0.4	7.73	5.22	ND	ND	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-138A	10/21/02	1.7	12.7	3.85	ND	5.72	ND	ND	ND	ND	ND
MW-138A	2/5/03	3.5	11.7	4.53	ND	1.91	ND	ND	ND	ND	ND
MW-138A	4/10/03	1.6	11.8	4.08	ND	1.95	ND	ND	ND	ND	ND
MW-138A	7/7/03	ND	9.67	4.20	ND	2.63	ND	ND	ND	ND	ND
MW-138A dup	7/7/03	ND	9.73	4.23	ND	2.75	ND	ND	ND	ND	ND
MW-138A	10/21/03	2.1	9.82	3.66	ND	2.44	ND	ND, (<0.05)[10]	ND	ND	ND
MW-138A	1/13/04	2.6	9.84	4.03	ND	2.35	ND	ND	ND	ND	ND
MW-138A	4/29/04	1.8	9.57	4.23	ND	2.77	ND	ND	ND	ND	ND
MW-138A	7/26/04	1.2	9.77	3.33	ND	2.20	ND	ND	ND	ND	ND
MW-238B	10/22/02	5.8	9.16	4.34	ND	5.83	ND	ND	ND	ND	ND
MW-238B	2/5/03	11.6	8.89	4.36	ND	13.6	ND	ND	ND	ND	ND
MW-238B	4/11/03	13.8	9.65	4.35	ND	5.04	ND	ND	ND	ND	ND
MW-238B	7/10/03	18.8	8.96	5.01	ND	3.20	1.55	ND, 0.40[10]	ND	ND	ND
MW-238B	10/21/03	22.7	9.36	4.37	ND	3.79	ND	ND	ND	ND	ND
MW-238B	1/13/04	11.3	8.36	4.22	ND	2.61	ND	ND	ND	ND	ND
MW-238B dup	1/13/04	11.4	8.35	4.21	ND	2.24	ND	ND	ND	ND	ND
MW-238B	4/29/04	9.9	9.05	5.11	ND	1.17	ND	ND	ND	ND	ND
MW-238B	7/27/04	16.2	8.62	3.99	ND	8.04	ND	ND	ND	ND	ND
MW-238C	10/21/02	4.5	7.98	3.32	ND	2.61	ND	ND	ND	ND	ND
MW-238C	2/17/03	11.1	7.64	3.70	ND	5.61	ND	ND	ND	ND	ND
MW-238C	4/10/03	12.5	8.29	3.86	ND	2.57	ND	ND	ND	ND	ND
MW-238C	7/11/03	9.4	8.19	4.24	ND	2.38	ND	ND	ND	ND	ND
MW-238C	10/21/03	9.9	8.29	3.69	ND	3.18	ND	ND	ND	ND	ND
MW-238C dup	10/21/03	10.6	8.23	3.68	ND	2.95	ND	ND	ND	ND	ND
MW-238C	1/14/04	12.6	7.90	3.64	ND	5.18	ND	ND	ND	ND	ND
MW-238C	4/29/04	9.1	7.95	4.17	ND	2.70	ND	ND	ND	ND	ND
MW-238C	7/26/04	17.5	8.63	3.49	ND	2.74	ND	ND	ND	ND	ND
MW-339	2/7/03	94.6	2.62	0.22	ND	65.1	ND	ND	ND	ND	ND
MW-339	2/18/03	105	2.05	ND	ND	18.2	ND	ND	ND	ND	ND
MW-339	4/1/03	106	1.99	ND	ND	37.1	ND	ND	ND	ND	ND
MW-339 dup	4/1/03	104	2.02	ND	ND	35.3	ND	ND	ND	ND	ND
MW-339	7/7/04	73.1	2.39	ND	ND	159	ND	ND	ND	ND	ND
MW-340	2/7/03	51.0	1.84	ND	ND	15.4	ND	ND	ND	ND	ND
MW-340	2/20/03	52.1	1.77	ND	ND	12.9	3.60	3.65	ND	ND	ND
MW-340	4/1/03	62.0	1.98	ND	ND	43.5	2.70	3.30, 2.16[10]	ND	ND	ND
MW-340	7/7/04	53.8	1.42	ND	ND	10.4	ND	ND	ND	ND	ND

Table 4. Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in ground-water confirmation samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
		Method Detection Limit[4]									
Sample Identifier	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-341	2/7/03	125	3.74	ND	ND	14.0	ND	ND	ND	ND	ND
MW-341	2/19/03	81.2	2.13	ND	ND	24.7	ND	ND	ND	ND	ND
MW-341	4/2/03	84.2	2.15	ND	ND	29.0	ND	ND	ND	ND	ND
MW-341	7/8/04	107	1.70	ND	ND	26.7	ND	ND	ND	ND	ND
MW-342	2/7/03	65.4	1.66	ND	ND	9.83	ND	ND	ND	ND	ND
MW-342	4/2/03	81.0	2.07	ND	ND	18.7	ND	ND	ND	ND	ND
MW-342	7/8/04	63.7	1.81	ND	ND	19.6	ND	ND	ND	ND	ND

Notes:

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

[2] Ferrous [Fe(II)] and total iron were analyzed in the field using a CHEMetrics VVR Photometer®. Prior to July 2002, total iron was analyzed by **TTL**'s laboratory.

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

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

[5] Ground-water samples were collected from wells in accordance with Addendum 13 - Ground-water Monitoring Plan.

[6] The MDL for total alkalinity (1.0 mg/L) was adjusted to 0.01 mg/L after April 29, 2004, to account for samples that also required Bicarbonate and Carbonate alkalinity determinations.

[7] ND - Not detected

[8] NA - Not analyzed; Samples were not analyzed for Ferrous iron [Fe(II)] prior to July 2002. Several duplicate samples were not analyzed by STL for methane, ethane, and ethene.

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

[10] Total iron samples were collected from approximately 10% of the monitoring wells and analyzed by **TTL**'s laboratory for quality assurance / quality control purposes. The MDL for total iron is 0.05 mg/l for the laboratory analyses.

[11] Samples collected on January 8, 2004, from monitoring wells MW-5A and MW-206 contained concentrations of ethyl acetate; therefore additional samples were collected on January 23, 2004 for laboratory analyses. The samples on January 23, 2004, did not contain concentrations of ethyl acetate.

[12] D - All compounds identified in an analysis at a secondary dilution factor. Ground-water samples collected for methane, ethane, and ethene analyses from monitoring well MW-102 had to be diluted because the compound quantitation was above the instrument's calibration range for the analysis.

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon [Concentrations are expressed in milligrams per liter (mg/l)]
Sample Identifier	**Sample Date[2]**	**0.50 mg/l [3]**
MW-2A	7/11/02	0.6
	10/9/02	1.7
	1/14/03	23.7
	4/15/03	20.8
	10/9/03	2.3
	7/13/04	0.9
MW-3A	7/12/02	ND[4]
	10/9/02	0.9
	1/14/03	11.3
	4/16/03	6.7
	4/9/04	0.5
	7/15/04	3.3
MW-106	4/9/02	ND (<5.0)
	7/9/02	1.4
	10/3/02	1.9
	1/6/03	32.4
	4/3/03	12.7
	10/15/03	1.9
	1/9/04	1.1
MW-106 dup[5]	1/9/04	0.6
MW-106	4/12/04	0.5
	7/22/04	0.6
MW-106 dup	7/22/04	0.7

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon [Concentrations are expressed in milligrams per liter (mg/l)]
Sample Identifier	**Sample Date[2]**	**0.50 mg/l [3]**
MW-206	4/9/02	ND (<5.0)
	7/9/02	1.8
	10/3/02	0.8
	1/6/03	5.1
	4/3/03	1.5
	10/15/03	2.5
MW-206 dup	10/15/03	2.5
MW-206	1/8/04	ND
	4/12/04	ND
	7/22/04	0.8
MW-107	4/9/02	ND (<5.0)
	7/9/02	0.9
	10/2/02	NC[6]
	1/7/03	5.6
	4/3/03	6.4
	7/2/03	0.7
MW-107 dup	7/2/03	0.6
MW-107	10/15/03	1.5
	1/9/04	ND
	4/13/04	0.5
MW-107 dup	4/13/04	0.6
MW-107	7/22/04	0.6

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon [Concentrations are expressed in milligrams per liter (mg/l)]
Sample Identifier	**Sample Date[2]**	**0.50 mg/l [3]**
MW-207	4/9/02	ND (<5.0)
	7/9/02	0.7
	10/2/02	NC
	1/7/03	7.4
	4/3/03	7.1
MW-207 dup	4/3/03	8.7
MW-207	7/2/03	0.8
	10/15/03	2.3
	1/9/04	1.4
	4/12/04	1.1
	7/22/04	1.3
MW-223	7/17/02	0.5
	10/3/02	1.1
	1/8/03	16.9
	4/4/03	6.6
	7/8/04	0.6
MW-225	7/16/02	0.5
MW-225 dup	7/16/02	0.5
MW-225	10/3/02	1.5
	1/15/03	13.2
	4/22/03	10.3
	10/7/03	1.2
	7/21/04	1.0

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon [Concentrations are expressed in milligrams per liter (mg/l)]
Sample Identifier	**Sample Date[2]**	**0.50 mg/l [3]**
MW-228	7/18/02	0.5
	10/14/02	0.8
MW-228 dup	10/14/02	0.7
MW-228	1/16/03	7.8
	4/9/03	5.7
	10/8/03	1.4
	7/12/04	0.6
MW-130	7/19/02	0.8
	10/16/02	0.8
	1/17/03	1.6
	4/9/03	3.7
	7/2/03	1.5
	10/16/03	1.0
MW-130 dup	10/16/03	0.9
MW-130	1/9/04	1.0
MW-130 dup	1/9/04	1.0
MW-130	4/13/04	1.0
	7/21/04	0.9

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon [Concentrations are expressed in milligrams per liter (mg/l)]
Sample Identifier	**Sample Date[2]**	**0.50 mg/l [3]**
MW-230	7/19/02	1.1
	10/16/02	0.9
	1/17/03	1.0
	4/9/03	5.3
	7/2/03	0.7
	10/16/03	0.7
	1/12/04	1.2
	4/13/04	ND
	7/21/04	0.6
MW-131	7/11/02	0.9
	10/9/02	1.0
	1/14/03	8.9
	4/16/03	7.3
	10/14/03	1.6
	7/16/04	0.5

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Total Organic Carbon [Concentrations are expressed in milligrams per liter (mg/l)]
Sample Identifier	**Sample Date[2]**	**0.50 mg/l [3]**
MW-231	7/11/02	1.0
MW-231 dup	10/9/02	0.9
MW-231	1/14/03	7.8
	4/16/03	6.6
	10/14/03	ND
	7/16/04	ND

Notes:

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

[2] Ground-water samples were collected from wells in accordance with Addendum 13 - Ground-water Monitoring Plan.

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

[4] ND - Not detected

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

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

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			[Concentrations are expressed in micrograms per liter (µg/l)]																
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 1	Port 1 (CMT 1-1)	2/21/02	304	ND[3]	ND	35.9	ND	ND	ND	ND	ND	ND	ND	61.1	ND	ND	ND	ND	1.0J[4]
		4/4/02	4,790	ND (<10.0)	ND (<10.0)	412	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	43.7	49.0	ND (<10.0)	ND (<10.0)	26.1B[5]	ND (<10.0)	ND (<10.0)
		5/6/02	2,590	ND (<5.0)	ND (<5.0)	379	ND (<5.0)	5.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	65.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		7/23/02	7,610	ND (<10.0)	ND (<10.0)	797	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	91.8J	68.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/17/02	11,200	ND (<20.0)	ND (<20.0)	858	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	127J	57.4J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		1/20/03	11,800	ND (<20.0)	ND (<20.0)	945	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	150J	46.0J	ND (<20.0)	ND (<20.0)	20.4J	ND (<20.0)	ND (<20.0)
		4/24/03	11,700	ND (<20.0)	ND (<20.0)	775	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	109J	48.0J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/10/03	2,330	89.7	ND (<2.5)	110	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	4.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		10/24/03	3,070	979	ND (<5.0)	247	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	29.1J	22.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/19/04	2,270	1,330	ND (<5.0)	197	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	23.1J	19.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		4/20/04	1,020	220	ND (<2.0)	36.0J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	3.8J	6.0J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		7/26/04	942	715	ND (<2.0)	93.8	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	13.5J	5.9J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
	Port 2 (CMT 1-2)	2/21/02	84.2	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	57.0	ND	ND (<2.5)	ND	ND	ND
		4/4/02	2,390	ND (<5.0)	ND (<5.0)	117	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	15.1J	33.1J	ND (<5.0)	ND (<5.0)	12.0B	ND (<5.0)	ND (<5.0)
		5/6/02	1,720	ND (<2.5)	ND (<2.5)	95.1	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	42.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		7/23/02	4,790	ND (<10.0)	ND (<10.0)	197J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	52.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/17/02	6,020	ND (<10.0)	ND (<10.0)	253	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	35.0J	49.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/20/03	7,510	ND (<20.0)	ND (<20.0)	296J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	59.8J	34.8J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/24/03	5,740	ND (<10.0)	ND (<10.0)	202	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	32.6J	22.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/10/03	225	35.2	ND	7.5J	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	ND	ND	ND	ND
		10/24/03	2,190	242	ND (<5.0)	71.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	11.8J	10.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/19/04	975	194	ND (<2.5)	35.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	3.0J	6.4J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		4/20/04	2,800	1,470	ND (<5.0)	240	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	26.3J	19.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		7/26/04	170	117	ND	7.8J	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND
	Port 3 (CMT 1-3)	2/21/02	850	ND	NA[6]	20,000J	23.0J	NA	ND	ND	ND	NA	ND	ND	NA	NA	NA	ND	ND
		4/5/02	2,210	ND (<5.0)	ND (<5.0)	40.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	22.7J	ND (<5.0)	ND (<5.0)	10.4B	ND (<5.0)	ND (<5.0)
		5/6/02	1,220	ND (<2.5)	ND (<2.5)	33.4J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	38.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	3.5J
		7/23/02	2,690	ND (<5.0)	ND (<5.0)	46.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	25.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		10/18/02	3,500	ND (<10.0)	ND (<10.0)	54.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	12.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/21/03	4,230	ND (<10.0)	ND (<10.0)	65.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	15.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/25/03	2,400	ND (<5.0)	ND (<5.0)	39.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	15.2J	5.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		7/11/03	2,580	ND (<5.0)	ND (<5.0)	46.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	13.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		10/27/03	1,860	28.0J	ND (<5.0)	36.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	9.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/19/04	2,331	161	ND (<5.0)	41.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	13.7J	5.0J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		4/21/04	1,040	289	ND (<2.0)	21.7J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	6.3J	2.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		7/26/04	37.7	60.3	ND	2.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 1	Port 4 (CMT 1-4)	2/21/02	NS[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/5/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		5/6/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/23/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/18/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/11/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/19/04[8]	1.8J	41.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 5 (CMT 1-5)	2/21/02	100	ND	NA	1,500J	18.0J	NA	ND	ND	ND	NA	ND	ND	NA	NA	NA	ND	ND
		4/5/02	350J	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	6.9J	ND	ND	1.8B	ND	ND
		5/6/02	192	ND	ND	3.8J	ND	ND	ND	ND	ND	ND	ND	7.9J	ND	ND	ND	ND	2.4J
		7/23/02	417	ND	ND	4.7J	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	ND	ND
		10/18/02	387	ND	ND	4.0J	ND	ND	ND	ND	ND	ND	ND	2.3J	ND	ND	ND	ND	ND
		1/21/03	259	ND	ND	2.3J	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
		4/25/03	358	ND	ND	5.5J	ND	ND	ND	ND	ND	ND	3.9J	1.3J	ND	ND	ND	ND	ND
		7/11/03	263	ND	ND	4.3J	ND	ND	ND	ND	ND	ND	1.7J	1.3J	ND	ND	ND	ND	ND
		10/27/03	84.1	4.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1/20/04	113	17.1J	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND
		4/21/04	127	10.3J	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND	ND
		7/27/04	26.0	6.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Port 6 (CMT 1-6)	2/21/02	157	ND	ND	27	ND	ND	ND	ND	ND	2.7J	ND	54.7	ND	ND	ND	ND	ND
		4/5/02	6,790	ND (<10.0)	ND (<10.0)	860	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	150J	43.1J	ND (<10.0)	ND (<10.0)	24.3B	ND (<10.0)	ND (<10.0)
		5/6/02	4,810	ND (<10.0)	ND (<10.0)	845	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	69.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/24/02	6,150	ND (<10.0)	ND (<10.0)	831	ND (<10.0)	10.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	81J	65.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/18/02	9,420	ND (<20.0)	ND (<20.0)	863	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	148J	48.2J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		1/21/03	10,500	ND (<20.0)	ND (<20.0)	1,060	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	162J	34.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/25/03	10,100	ND (<20.0)	ND (<20.0)	819	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	152J	33.0J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/14/03	4,240	29.3J	ND (<10.0)	326	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	49.6J	16.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/27/03	4,870	616	ND (<10.0)	393	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	71.9J	28.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/20/04	5,590	945	ND (<10.0)	435	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	30.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/21/04	6,100	745	ND (<10.0)	432	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	123J	21.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/27/04	1,390	566	ND (<2.5)	167	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	21.2J	10.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
	Port 7 (CMT 1-7)	2/21/02	585	ND	ND	77.2	ND	ND	ND	ND	ND	3.3J	14.8J	58.1	ND	ND	ND	ND	ND
		4/5/02	6,430	ND (<10.0)	ND (<10.0)	900	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	166J	25.4J	ND (<10.0)	ND (<10.0)	23.6B	ND (<10.0)	ND (<10.0)
		5/6/02	4,940	ND (<10.0)	ND (<10.0)	942	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	104J	48.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/24/02	7,080	ND (<10.0)	ND (<10.0)	829	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	256	23.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/21/02	8,250	ND (<20.0)	ND (<20.0)	682	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	159J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		1/21/03	6,170	ND (<10.0)	ND (<10.0)	685	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	14.7J	11.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/25/03	7,050	ND (<20.0)	ND (<20.0)	1,010	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	280J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/14/03	4,930	ND (<10.0)	ND (<10.0)	677	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	149J	13.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/28/03	7,090	ND (<10.0)	ND (<10.0)	875	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	217	14.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/20/04	9,040	ND (<20.0)	ND (<20.0)	779	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	222J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/21/04	7,810	ND (<20.0)	ND (<20.0)	663	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	191J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/27/04	6,800	160J	ND (<10.0)	674	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	171J	15.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			[Concentrations are expressed in micrograms per liter (µg/l)]																
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 2	Port 1 (CMT 2-1)	2/21/02	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	35.4	ND	ND	ND	ND	1.7J
		5/6/02	787	ND (<2.5)	ND (<2.5)	11.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	29.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		7/24/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/02	1,410	2.4J	ND	15.2J	ND	ND	ND	ND	ND	ND	ND	13.3J	ND	ND	ND	ND	ND
		1/20/03	1,210	2.6J	ND (<2.0)	19.8J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	11.2J	ND (<2.0)	ND (<2.0)	2.4J	ND (<2.0)	ND (<2.0)
		4/25/03	1,650	ND (<2.5)	ND (<2.5)	23.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	5.3J	9.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		7/14/03	1,970	7.2J	ND (<2.5)	28.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	10.7J	6.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		10/22/03	1,090	24.7J	ND (<2.0)	16.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	2.1J	4.4J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		1/21/04	956	30.7J	ND (<2.0)	13.1J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	3.1J	2.2J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		4/15/04	1,760	16.4J	ND (<5.0)	23.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	7.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		7/30/04	1,490	15.1J	ND (<2.5)	20.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	7.4J	3.1J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
	Port 2 (CMT 2-2)	2/21/02	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	28.2	ND	ND	ND	ND	ND
		5/6/02	4,090	ND (<10.0)	ND (<10.0)	68.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	18.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/24/02	4,550	ND (<10.0)	ND (<10.0)	71.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	13.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/21/02	5,670	ND (<10.0)	ND (<10.0)	74.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	26.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/20/03	6,340	ND (<10.0)	ND (<10.0)	77.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	25.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/28/03	504	ND (<10.0)	ND (<10.0)	59.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	36.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/14/03	6,440	ND (<20.0)	ND (<20.0)	89.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	88.2J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		10/22/03	5,600	ND (<10.0)	ND (<10.0)	79.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	36.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/14/04	4,520	11.9J	ND (<10.0)	57.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	32.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/15/04	4,770	ND (<10.0)	ND (<10.0)	64.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	40.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/30/04	3,670	ND (<10.0)	ND (<10.0)	44.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	28.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 3 (CMT 2-3)	2/21/02	5.6J	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	43.5	ND	ND	ND	ND	ND
		5/6/02	2,770	ND (<5.0)	ND (<5.0)	72.8J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	25.1J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		7/24/02	3,500	ND (<5.0)	ND (<5.0)	96.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	61.5J	21.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		10/22/02	7,410	12.5J	ND (<10.0)	156J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	54.1J	12.9J	ND (<10.0)	ND (<10.0)	11.5B	ND (<10.0)	ND (<10.0)
		1/20/03	7,440	182J	ND (<10.0)	170J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	42.9J	10.3J	ND (<10.0)	ND (<10.0)	10.1J	ND (<10.0)	ND (<10.0)
		4/28/03	8,210	251J	ND (<20.0)	161J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	98.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/14/03	8,220	372J	ND (<25.0)	206J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	137J	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)	ND (<25.0)
		10/22/03	7,140	184J	ND (<10.0)	170J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	55.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/14/04	5,350	185J	ND (<10.0)	122J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	42.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/16/04	708	82.8J	ND (<10.0)	132J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	62.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/30/04	7,060	51.1J	ND (<10.0)	159J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	59.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 2	Port 4 (CMT 2-4)	2/21/02	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	2.7J	ND	42.8	ND	ND	ND	ND	1.0J
		5/6/02	1,320	ND (<2.5)	ND (<2.5)	44.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	31.4J	ND (<2.5)	ND (<2.5)	4.4J	ND (<2.5)	ND (<2.5)
		7/25/02	2,140	ND (<5.0)	ND (<5.0)	63.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	28.6J	ND (<5.0)	ND (<5.0)	8.5J	ND (<5.0)	ND (<5.0)
		10/22/02	4,180	ND (<10.0)	ND (<10.0)	79.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	13.8J	ND (<10.0)	ND (<10.0)	14.2B	ND (<10.0)	ND (<10.0)
		1/21/03	4,720	ND (<10.0)	ND (<10.0)	101J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	20.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/28/03	5,250	ND (<10.0)	ND (<10.0)	121J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	36.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/15/03	6,060	ND (<10.0)	ND (<10.0)	124J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	41.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/22/03	5,820	11.6J	ND (<10.0)	118J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	28.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/15/04	4,350	20.8J	ND (<10.0)	83.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	19.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/16/04	565	19.5J	ND (<10.0)	100J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	39.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/30/04	5,240	423	ND (<10.0)	122J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	26.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 5 (CMT 2-5)	2/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	ND	45.4	ND	ND	ND	ND	1.1J
		5/7/02	79.3	ND	ND	6.5J	ND	ND	ND	ND	ND	ND	ND	6.0J	ND	ND	ND	ND	1.3J
		7/25/02	83.1	ND	ND	7.0J	ND	ND	ND	ND	ND	ND	ND	6.3J	ND	ND	ND	ND	ND
		10/22/02	267	ND	ND	13.1J	ND	ND	ND	ND	ND	ND	ND	4.9J	ND	ND	ND	ND	ND
		1/21/03	1,080	ND	ND	34.4	ND	ND	ND	ND	ND	ND	8.3J	2.1J	ND	ND	ND	ND	ND
		4/28/03	1,630	121	ND (<2.5)	55.3	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	14.7J	2.7J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		7/15/03	1,660	146	ND (<5.0)	62.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	29.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		10/22/03	1,990	145J	ND (<5.0)	59.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	18.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/15/04	2,270	69.7J	ND (<5.0)	61.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	19.1J	ND (<5.0)	6.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		4/16/04	2,470	128	ND (<5.0)	55.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	24.9J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		7/30/04	2,850	48.1J	ND (<5.0)	74.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	25.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	Port 6 (CMT 2-6)	2/21/02	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	1.5J	ND	64.4	ND	ND	ND	ND	1.9J
		5/7/02	11.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0	ND	ND	9.1J	ND	2.7J
		7/25/02	17.1J	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	6.2J	1.6J	ND	1.5J	ND	1.0J
		10/23/02	32.9	ND	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	3.9J	ND	ND	4.2B	ND	ND
		1/21/03	115	5.5J	ND	6.5J	ND	ND	ND	ND	ND	ND	ND	2.6J	ND	ND	ND	ND	ND
		4/28/03	32.8	186	ND	10.7J	ND	ND	ND	ND	ND	ND	ND	1.8J	ND	ND	ND	ND	ND
		7/15/03	677	136	ND	28.4	ND	ND	ND	ND	ND	ND	5.3J	ND	ND	ND	ND	ND	ND
		10/23/03	1,170	43.3	ND	34.7	ND	ND	ND	ND	ND	ND	10.0J	ND	ND	ND	ND	ND	ND
		1/15/04	407	225	ND	17.7J	ND	ND	ND	ND	ND	ND	2.9J	ND	ND	ND	ND	ND	ND
		4/19/04	1,430	52.0	ND (<2.5)	34.6J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	14.0J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		7/30/04	244	58.4	ND	9.1J	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND	ND
	Port 7 (CMT 2-7)	2/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.0	ND	ND	ND	ND	1.1J
		5/7/02	1.3J	ND	ND	8.6J	ND	ND	ND	ND	ND	ND	ND	36.3	ND	ND	ND	ND	3.1J
		7/25/02	3.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0J	ND	ND	9.2J	ND	1.0J
		10/23/02	4.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	3.9B	ND	ND
		1/21/03	18.7J	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND
		4/28/03	20.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		7/16/03	17.8J	12.9J	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	ND	ND	ND
		10/23/03	5.8J	10.1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1/15/04	7.3J	16.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
		4/19/04	6.2J	13.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		7/30/04	47.4	29.7	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 3	Port 1 (CMT 3-1)	10/22/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/15/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/15/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/19/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2 (CMT 3-2)	10/22/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/03	245	ND	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/15/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/03	82.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9J	ND	ND	ND	ND	ND
		1/16/04	141	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	3.1J	1.3J	ND	ND	ND	ND
		4/19/04	110	ND	ND	1.1J	ND	ND	ND	ND	ND	ND	ND	2.5J	ND	ND	ND	ND	ND
		7/28/04	63.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND
	Port 3 (CMT 3-3)	10/22/02	22.2	ND	ND	ND	ND	ND	ND	ND	ND	5.5J	ND	28.9	ND	1.0J	5.4B	ND	ND
		1/22/03	395	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND	ND	ND
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/16/03	1,170	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)	11.5J	3.4J	ND (<2.0)	ND (<2.0)	16.6J	ND (<2.0)	ND (<2.0)
		10/23/03	937	ND (<2.0)	ND (<2.0)	12.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	5.7J	2.7J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		1/15/04	266	5.8J	ND	3.5J	ND	ND	ND	ND	ND	ND	ND	1.1J	1.8J	ND	ND	ND	ND	ND
		4/19/04	611	2.0J	ND	5.3J	ND	ND	ND	ND	ND	ND	ND	3.0J	2.1J	ND	ND	ND	ND	ND
		7/28/04	325	7.7J	ND	3.5J	ND	ND	ND	ND	ND	ND	ND	1.5J	1.7J	ND	ND	ND	ND	ND

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 3	Port 4 (CMT 3-4)	10/22/02	323	ND	ND	4.4J	ND	ND	ND	ND	ND	5.3J	ND	26.0	ND	1.1J	5.5B	ND	ND
		1/22/03	2,770	ND (<5.0)	ND (<5.0)	56.4J	ND (<2.5)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	20.5J	10.0J	ND (<5.0)	ND (<5.0)	5.5J	ND (<5.0)	ND (<5.0)
		4/23/03	1,240	ND (<2.5)	ND (<2.5)	26.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	13.3J	4.1J	ND (<2.5)	ND (<2.5)	2.8J	ND (<2.5)	ND (<2.5)
		7/15/03	532	ND	ND	8.7J	ND	ND	ND	ND	ND	ND	5.7J	1.4J	1.3J	ND	ND	ND	ND
		10/23/03	2,230	ND (<5.0)	ND (<5.0)	62.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	27.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/16/04	757	ND (<2.0)	ND (<2.0)	22.3J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	8.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		4/20/04	933	4.8J	ND (<2.0)	19.6J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	9.2J	2.5J	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)	ND (<2.0)
		7/29/04	196	8.9J	ND	5.9J	ND	ND	ND	ND	ND	ND	1.9J	ND	ND	ND	ND	ND	ND
	Port 5 (CMT 3-5)	10/23/02	22.0	ND	ND	1.2J	ND	ND	ND	ND	ND	1.7J	ND	15.6J	ND	ND	4.0B	ND	ND
		1/23/03	1,200	ND (<2.5)	ND (<2.5)	86.1	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	15.3J	5.3J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		4/23/03	3,200	ND (<5.0)	ND (<5.0)	208	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	40.7J	11.8J	ND (<5.0)	ND (<5.0)	5.5J	ND (<5.0)	ND (<5.0)
		7/16/03	3,530	ND (<10.0)	ND (<10.0)	237	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	59.0J	14.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/24/03	5,480	ND (<10.0)	ND (<10.0)	335	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	103J	17.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/16/04	5,290	29.4J	ND (<10.0)	310J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	72.4J	20.9J	13.1J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/20/04	7,340	23.2J	ND (<10.0)	350	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	102J	17.8J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/29/04	4,800	35.4J	ND (<10.0)	221	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	65.2J	13.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
	Port 6 (CMT 3-6)	10/23/02	13.5J	ND	ND	8.9J	ND	ND	ND	ND	ND	4.4J	ND	33.9	ND	ND	4.4B	ND	ND
		1/23/03	245	ND	ND	228	ND	ND	ND	ND	ND	ND	42.3	4.2J	ND	ND	ND	ND	ND
		4/24/03	215	ND	ND	193	ND	ND	1.5J	1.5J	ND	ND	45.0	3.4J	ND	ND	ND	ND	ND
		7/17/03	393	ND	ND	298	ND	ND	ND	ND (<10.0)	ND	ND	53.6	3.8J	ND	ND	ND	ND	ND
		10/24/03	445	ND	ND	291	ND	ND	1.9J	ND	ND	ND	51.6	4.4J	1.4J	ND	ND	ND	ND
		1/16/04	388	ND	ND	198	ND	ND	1.5J	ND	ND	ND	40.4	3.5J	ND	ND	ND	ND	ND
		4/22/04	411	2.6J	ND	177	ND	ND	ND	ND	ND	ND	48.8	3.7J	ND	ND	ND	ND	ND
		7/29/04	340	14.6J	ND	129	ND	ND	1.3J	1.3J	ND	ND	18.8J	4.7J	ND	ND	ND	ND	ND
	Port 7 (CMT 3-7)	10/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.5J	ND	36.6	ND	1.3J	3.9B	ND	ND
		1/23/03	7.9J	ND	ND	11.3J	ND	ND	ND	ND	ND	ND	1.9J	8.5J	ND	ND	ND	ND	ND
		4/24/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/17/03	12.5J	ND	ND	16.7J	ND	ND	ND	ND	ND	ND	6.4J	ND	ND	ND	ND	ND	ND
		10/24/03	15.6J	ND	ND	31.3	ND	ND	ND	ND	ND	ND	6.3J	ND	ND	ND	ND	ND	ND
		1/16/04	20.4	ND	ND	29.4	ND	ND	ND	ND	ND	ND	6.4J	ND	1.2J	ND	ND	ND	ND
		4/22/04	14.1J	ND	ND	17.1	ND	ND	ND	ND	ND	ND	5.2J	ND	ND	ND	ND	ND	ND
		7/29/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

[Concentrations are expressed in micrograms per liter (µg/l)]

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 4	Port 1 (CMT 4-1)	10/25/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/17/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2 (CMT 4-2)	10/25/02	255	ND	ND	1.6J	ND	ND	ND	ND	ND	1.0J	ND	12.2J	ND	ND	ND	ND	ND
		1/22/03	193	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4/23/03	393	ND	ND	5.3J	ND	ND	ND	ND	ND	ND	3.4J	3.8J	ND	ND	ND	ND	ND
		7/17/03	137	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	2.8J	1.5J	2.2J	ND	ND	ND	ND
		10/27/03	139	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	1.6J	ND	ND	ND	ND	ND
		1/21/04	195	1.0J	ND	2.5J	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
		4/23/04	177	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	1.1J	1.3J	ND	ND	ND	ND	ND
		7/28/04	159	4.1J	ND	2.1J	ND	ND	ND	ND	ND	ND	1.3J	ND	ND	ND	ND	ND	ND
	Port 3 (CMT 4-3)	10/25/02	1,360	ND (<2.5)	ND (<2.5)	14.9J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	3.6J	7.2J	23.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		1/22/03	3,040	ND (<10.0)	ND (<10.0)	46.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	11.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/23/03	2,760	ND (<5.0)	ND (<5.0)	45.2J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	16.7J	6.2J	ND (<5.0)	ND (<5.0)	5.7J	ND (<5.0)	ND (<5.0)
		7/17/03	674	115J	ND (<10.0)	134J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	62.4J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/27/03	6,900	ND (<100)	ND (<100)	156J	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)
		1/21/04	3,630	153J	ND (<10.0)	78.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	27.7J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/23/04	3,990	290	ND (<10.0)	70.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	29.6J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/28/04	1,400	279	ND (<2.5)	35.3J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	13.1J	2.5J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Boring Identifier	Sample Location	Date Sampled	Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	1,1-Dichloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	Benzene	Bromodichloromethane	Carbon Tetrachloride	Chloroform	Chloromethane	Dibromochloromethane	Methylene Chloride	Tetrachloroethylene	Toluene
			[Concentrations are expressed in micrograms per liter (µg/l)]																
			1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]	1.0 µ/l [2]
CMT 4	Port 4 (CMT 4-4)	10/25/02	2,150	ND (<5.0)	ND (<5.0)	56.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	23.1J	27.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/22/03	9,680	ND (<20.0)	ND (<20.0)	487	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	106J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		04/24/03	11,700	ND (<10.0)	ND (<10.0)	383	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	93.9J	21.0J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/18/03	9,950	ND (<20.0)	ND (<20.0)	287J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	113J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		10/27/03	11,200	233J	ND (<20.0)	378J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	116J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		1/21/04	7,530	494	ND (<10.0)	236	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	53.9J	12.4J	11.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/23/04	7,260	815	ND (<10.0)	257	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	65.7J	17.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/28/04	10,000	1,120	ND (<20.0)	427	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	77.8J	29.8J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	Port 5 (CMT 4-5)	10/25/02	38.4	ND	ND	3.3J	ND	ND	ND	ND	ND	2.1J	ND	19.9J	2.0J	ND	ND	ND	ND
		1/22/03	9,360	ND (<20.0)	ND (<20.0)	826	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	150J	28.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/24/03	5,150	ND (<20.0)	ND (<20.0)	375J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	106J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/18/03	3,250	265	ND (<5.0)	351	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	68.5J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		10/28/03	4,530	372	ND (<10.0)	533	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	79.8J	11.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		1/21/04	1,170	903	ND (<2.5)	207	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	14.9J	6.8J	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)	ND (<2.5)
		4/22/04	3,950	370	ND (<10.0)	377	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	96.6J	10.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/29/04	2,270	1,760	ND (<5.0)	467	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	31.3J	14.4J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	Port 6 (CMT 4-6)	10/28/02	2,210	ND (<5.0)	ND (<5.0)	105	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	38.2J	8.3J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/23/03	13,500	ND (<20.0)	ND (<20.0)	688	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	187J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/24/03	12,300	ND (<10.0)	ND (<10.0)	590	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	254	14.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/18/03	6,990	14.9J	ND (<10.0)	350	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	99.2J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		10/28/03	9,150	75.4J	ND (<20.0)	525	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	158J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		1/22/04	6,920	244	ND (<10.0)	398	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	90.6J	13.5J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		4/26/04	10,900	59.6J	ND (<20.0)	550	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	213J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/29/04	10,600	625	ND (<20.0)	700	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	166J	24.8J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
	Port 7 (CMT 4-7)	10/28/02	2,440	ND (<5.0)	ND (<5.0)	103	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	37.5J	16.6J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		1/23/03	12,600	ND (<20.0)	ND (<20.0)	581	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	135J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/24/03	11,400	ND (<10.0)	ND (<10.0)	390	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	124J	15.3J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		7/18/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/03	12,000	109J	ND (<20.0)	420	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	131J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		1/22/04	8,570	394J	ND (<20.0)	281J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	70.4J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		4/26/04	9,020	401	ND (<20.0)	265J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	87.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		7/29/04	9,210	597	ND (<20.0)	404	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	92.6J	21.6J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)

Notes:

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

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

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

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

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

[6] NA - Not analyzed

[7] NS - Not sampled; Well was not sampled because of insufficient water (dry) for analyses in the port.

[8] A sample was collected from port 4 of CMT well 1 (CMT 1-4) on January 19, 2004, by slightly modifying the purging process (i.e. partial extraction of the well tubing) to help facilitate water removal from the port.

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 1	Port 1 (CMT 1-1)	7/22/02	220	12.8	ND[7]	ND	155	3.55	6.35	ND	ND	ND
		10/17/02	158	12.4	0.40	ND	49.3	4.75	6.25	ND	ND	ND
		1/20/03	128	11.1	0.79	ND	13.1	5.25	5.25	ND	ND	ND
		4/24/03	166	11.5	0.24	ND	6.82	4.85	4.9, 7.37[8]	ND	ND	ND
		7/10/03	141	3.05	ND	ND	4.99	0.70	0.75	ND	ND	ND
		10/24/03	16.4	4.89	0.11	ND	1.07	2.55	3.60	ND	ND	ND
		1/19/04	145	5.41	0.26	ND	1.74	3.70	4.05	15	ND	ND
		4/20/04	74.2	5.74	ND	ND	2.72	0.70	0.75	76	ND	ND
		7/26/04	96.5	3.26	0.25	ND	0.69	1.7	1.85	20	ND	ND
	Port 2 (CMT 1-2)	7/23/02	194	15.3	ND	ND	144	3.75	2.65	ND	ND	ND
		10/17/02	121	15.7	0.57	ND	64.3	11.0	12.0	ND	ND	ND
		1/20/03	107	14.2	1.47	ND	16.5	7.75	8.00	ND	ND	ND
		4/24/03	125	10.9	0.10	ND	8.40	7.50	8.00, 0.34[8]	ND	ND	ND
		7/10/03	37.5	1.36	ND	ND	7.77	0.70	0.80	ND	ND	ND
		10/24/03	129	8.05	ND	ND	30.6	0.70	1.45	ND	ND	ND
		1/19/04	82.8	5.34	ND	ND	6.19	4.95	5.00	31	ND	ND
		4/20/04	117	5.09	0.21	ND	0.72	0.65	0.64	30	ND	ND
		7/26/04	86.3	3.29	ND	ND	ND	2.75	2.85	76	ND	ND
	Port 3 (CMT 1-3)	7/23/02	114	17.1	1.41	ND	162	1.55[9]	2.00	ND	ND	ND
		10/18/02	69.9	15.0	3.48	ND	30.8	5.25	5.50	ND	ND	ND
		1/21/03	742	13.3	4.35	ND	5.58	6.00	6.00	ND	ND	ND
		4/25/03	81.6	10.0	2.86	ND	1.74	3.75	3.70	ND	ND	ND
		7/11/03	52.0	9.83	2.33	ND	1.62	0.75	0.70	ND	ND	ND
		10/27/03	28.2	8.70	0.51	ND	1.85	2.50	2.45	2.3	ND	ND
		1/19/04	67.5	12.1	2.92	ND	1.37	3.55	3.55	4.8	ND	ND
		4/21/04	12.9	8.07	1.43	ND	1.35	3.45	3.20, 3.08[8]	23	ND	ND
		7/26/04	75.6	1.67	ND	ND	0.55	ND	ND	15	ND	ND
	Port 4 (CMT 1-4)	10/18/02	NS[10]	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/25/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/11/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/19/04[11]	202	1.47	ND	ND	3.98	ND	ND	100	ND	ND
		4/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/27/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 1	Port 5 (CMT 1-5)	7/23/02	41.5	14.6	3.01	ND	15.8	2.90	6.20	ND	ND	ND
		10/18/02	37.9	12.3	2.50	ND	6.34	6.25	7.00	ND	ND	ND
		1/21/03	19.4	13.1	3.95	ND	5.78	5.75	6.00	ND	ND	ND
		4/25/03	15.4	10.3	2.53	ND	5.93	3.65	3.70	ND	ND	ND
		7/11/03	82.1	6.74	0.91	ND	7.17	0.75	0.75	3.5	ND	ND
		10/27/03	66.2	16.6	2.99	ND	9.61	1.60	1.85	ND	ND	ND
		1/19/04	76.6	9.82	2.01	ND	6.47	1.40	1.50	38	ND	ND
		4/21/04	61.7	21.2	3.97	ND	9.32	1.40	1.45	47	ND	ND
		7/27/04	60.2	23.8	3.02	0.15	8.68	4.50	4.55	140	ND	ND
	Port 6 (CMT 1-6)	7/24/02	144	11.2	ND	ND	105	1.60[9]	1.85	ND	ND	ND
		10/18/02	108	11.6	0.27	0.13	38.9	7.75	8.00	ND	ND	ND
		1/21/03	77.3	11.0	0.61	0.20	13.3	7.50	7.50	ND	ND	ND
		4/25/03	105	10.0	0.76	ND	7.99	5.00	6.00	ND	ND	ND
		7/14/03	96.7	4.30	ND	ND	5.93	ND	ND	ND	ND	ND
		10/27/03	109	5.79	0.42	ND	2.55	3.15	3.55	ND	ND	ND
		1/20/04	100	8.68	1.15	ND	0.74	3.30	3.40	4.2	ND	ND
		4/21/04	91.8	8.04	1.38	ND	1.48	3.55	3.55	8.3	ND	ND
		7/27/04	54.2	3.49	0.30	ND	1.06	3.05	3.40	27	ND	ND
	Port 7 (CMT 1-7)	7/24/02	43.2	9.62	4.02	ND	29.0	2.20	2.15	ND	ND	ND
		10/21/02	25.9	8.99	5.25	ND	2.67	ND	ND	ND	ND	ND
		1/21/03	17.2	9.52	6.12	ND	1.16	0.50	0.50	ND	ND	ND
		4/25/03	14.3	8.77	4.79	ND	0.64	ND	ND	ND	ND	ND
		7/14/03	12.0	6.04	2.89	ND	1.95	ND	ND	ND	ND	ND
		10/28/03	79.7	8.85	5.37	ND	0.78	ND	ND	ND	ND	ND
		1/20/04	20.1	8.76	5.81	ND	ND	ND	ND	ND	ND	ND
		4/21/04	12.5	8.18	5.54	ND	ND	ND	ND	ND	ND	ND
		7/27/04	26.2	8.74	4.79	ND	1.01	ND	ND	4.8	ND	ND

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 2	Port 1 (CMT 2-1)	7/24/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/02	61.9	6.76	0.44	ND	89.8	4.10	4.20	ND	ND	ND
		1/20/03	57.0	6.13	0.41	ND	79.7	4.00	4.25	ND	ND	ND
		4/25/03	58.4	6.47	0.73	ND	48.0	ND	ND	ND	ND	ND
		7/14/03	51.1	6.90	0.82	ND	31.9	1.35	0.90	ND	ND	ND
		10/22/03	33.6	6.29	0.69	ND	20.5	ND	ND	ND	ND	ND
		1/20/04	26.8	5.34	1.04	ND	12.0	1.00	1.15	ND	ND	ND
		4/15/04	23.4	7.21	1.59	ND	15.0	0.75	1.15	ND	ND	ND
		7/30/04	18.5	5.44	1.62	ND	7.78	ND	ND	ND	ND	ND
	Port 2 (CMT 2-2)	7/24/02	332	5.64	0.55	ND	74.1	1.05	1.05	ND	ND	ND
		10/21/02	22.4	5.83	1.15	ND	18.9	1.05	1.10	ND	ND	ND
		1/20/03	22.3	5.49	1.56	ND	8.84	ND	ND	ND	ND	ND
		4/28/03	17.3	4.69	1.39	ND	4.74	ND	ND	ND	ND	ND
		7/14/03	12.7	5.41	1.76	ND	5.49	2.35	2.30	ND	ND	ND
		10/22/03	8.4	4.80	1.70	ND	4.23	ND	ND	ND	ND	ND
		1/14/04	12.8	4.33	1.65	ND	3.00	0.95	1.05	ND	ND	ND
		4/15/04	12.3	4.69	1.64	ND	3.52	ND	ND	ND	ND	ND
		7/30/04	7.5	4.38	1.56	ND	1.84	ND	ND	ND	ND	ND
	Port 3 (CMT 2-3)	7/24/02	72.7	5.58	0.36	ND	258	6.00	5.90	ND	ND	ND
		10/22/02	60.6	4.34	0.92	ND	94.1	1.45	1.50	ND	ND	ND
		1/20/03	56.6	4.32	0.86	ND	54.7	1.55	1.60	ND	ND	ND
		4/28/03	50.8	3.85	1.03	ND	29.0	0.90	0.95	ND	ND	ND
		7/14/03	48.1	3.95	0.99	ND	25.0	1.25	1.20	ND	ND	ND
		10/22/03	46.6	3.45	1.21	ND	20.4	0.95	1.0, 0.29[8]	ND	ND	ND
		1/14/04	54.8	3.50	1.08	ND	22.6	2.65	3.65, 1.84[8]	ND	ND	ND
		4/16/04	34.0	3.05	1.19	ND	10.8	1.50	1.55	ND	ND	ND
		7/30/04	28.8	3.08	1.35	ND	8.21	1.85	1.75	ND	ND	ND
	Port 4 (CMT 2-4)	7/25/02	71.8	10.5	ND	ND	163	2.35[9]	2.40	ND	ND	ND
		10/22/02	52.6	5.72	0.26	ND	28.5	3.95	3.95	ND	ND	ND
		1/21/03	40.3	4.37	0.40	ND	4.39	1.70	1.70	ND	ND	ND
		4/28/03	42.0	3.86	0.48	ND	1.93	ND	ND	ND	ND	ND
		7/15/03	44.7	3.75	ND	ND	2.74	2.05	1.80	2.0	ND	ND
		10/22/03	44.8	3.35	0.39	ND	1.56	1.05	1.5, 1.03[8]	7.7	ND	ND
		1/15/04	45.3	3.01	0.28	ND	1.04	1.70	1.60	12	ND	ND
		4/16/04	26.6	3.17	0.54	ND	1.76	1.60	1.00	6.4	ND	ND
		7/30/04	28.3	3.14	0.45	ND	1.65	1.05	1.10	3.5	ND	ND

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 2	Port 5 (CMT 2-5)	7/25/02	132	3.38	ND	ND	ND	5.15	4.95	5.7	ND	ND
		10/22/02	105	2.17	0.13	ND	ND	4.40	4.65	8.1	ND	ND
		1/21/03	63.7	2.92	ND	ND	0.76	1.50	1.50	ND	ND	ND
		4/28/03	66.3	1.95	ND	ND	0.74	1.85	1.90	ND	ND	ND
		7/15/03	59.4	2.20	ND	ND	1.28	1.60	1.45	ND	ND	ND
		10/22/03	68.7	2.08	ND	ND	1.72	1.05	1.05	ND	ND	ND
		1/15/04	43.9	1.70	ND	ND	4.80	2.10	2.20	ND	ND	ND
		4/16/04	41.1	1.78	0.13	ND	0.98	0.60	0.45	ND	ND	ND
		7/30/04	29.4	1.97	ND	ND	1.68	ND	ND	ND	ND	ND
	Port 6 (CMT 2-6)	7/25/02	208	4.53	ND	ND	4.02	0.50	0.65	ND	ND	ND
		10/23/02	170	2.30	ND	ND	ND	ND	ND	18.0	ND	ND
		1/21/03	146	2.33	ND	ND	ND	ND	ND	5.0	ND	ND
		4/28/03	130	1.80	ND	ND	ND	ND	ND	4.2	ND	ND
		7/15/03	89.6	2.24	ND	ND	1.43	ND	ND	2.0	ND	ND
		10/23/03	48.3	2.24	0.13	ND	1.07	0.85	0.85	ND	ND	ND
		1/15/04	64.9	1.86	ND	ND	3.47	1.40	1.50	ND	ND	ND
		4/19/04	35.9	2.04	0.14	ND	1.23	0.90	1.05	ND	ND	ND
		7/30/04	26.3	1.97	0.31	ND	1.68	1.00	1.05	ND	ND	ND
	Port 7 (CMT 2-7)	7/25/02	395	12.2	ND	ND	230	6.55	6.60	ND	ND	ND
		10/23/02	267	4.78	ND	ND	3.20	2.80	4.60	6.8	ND	ND
		1/21/03	225	4.45	ND	ND	6.34	2.55	2.55	21.0	ND	ND
		4/28/03	225	2.97	ND	ND	10.9	4.50	6.35	18.0	ND	ND
		7/16/03	94.3	2.73	0.10	ND	8.05	2.20	2.10	3.9	ND	ND
		10/23/03	79.6	2.53	0.11	ND	8.63	ND	ND	2.3	ND	ND
		1/15/04	90.3	2.29	ND	ND	7.81	2.45	2.60	2.8	ND	ND
		4/19/04	77.3	2.21	0.19	ND	6.15	2.35	2.60, 2.21[8]	2.8	ND	ND
		7/30/04	106	2.33	0.18	ND	6.44	1.00	1.10	2.6	ND	ND

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 3	Port 1 (CMT 3-1)	10/22/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/15/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/15/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/19/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2 (CMT 3-2)	10/22/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/03	20.2	7.13	1.13	ND	24.8	ND	ND	ND	ND	ND
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/15/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/03	29.6	14.1	1.85	ND	14.6	ND	ND	ND	ND	ND
		1/16/04	16.5	7.54	1.28	ND	12.7	ND	ND	ND	ND	ND
		4/19/04	16.4	8.35	1.39	ND	9.71	ND	ND	ND	ND	ND
		7/28/04	27.5	9.24	1.45	ND	10.2	ND	ND	ND	ND	ND
	Port 3 (CMT 3-3)	10/22/02	14.2	9.39	0.67	0.11	60.7	ND	ND	ND	ND	ND
		1/22/03	14.4	10.6	2.07	ND	43.0	ND	ND	ND	ND	ND
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/16/03	14.1	8.14	1.86	ND	11.2	ND	ND	ND	ND	ND
		10/23/03	17.3	7.94	1.73	ND	14.3	ND	ND	ND	ND	ND
		1/15/04	27.1	5.43	0.47	ND	11.4	1.05	1.15	ND	ND	ND
		4/19/04	18.8	7.84	1.70	ND	10.6	ND	ND	ND	ND	ND
		7/28/04	23.1	7.33	1.12	ND	10.8	ND	ND	ND	ND	ND
	Port 4 (CMT 3-4)	10/22/02	20.0	11.1	1.08	0.14	56.3	ND	ND	ND	ND	ND
		1/22/03	21.9	8.93	2.83	ND	10.6	ND	ND	ND	ND	ND
		4/23/03	282	5.93	1.48	ND	4.37	ND	ND	ND	ND	ND
		7/15/03	22.0	2.65	0.66	ND	3.23	ND	ND	ND	ND	ND
		10/23/03	28.4	4.44	1.33	ND	2.21	1.05	0.95	ND	ND	ND
		1/16/04	30.4	2.27	0.71	ND	1.69	0.95	0.85	ND	ND	ND
		4/20/04	23.3	4.68	1.29	ND	1.91	1.95	2.10	ND	ND	ND
		7/29/04	45.9	1.41	0.30	ND	2.13	2.95	3.15	ND	ND	ND

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 3	Port 5 (CMT 3-5)	10/23/02	57.1	8.04	0.21	ND	34.0	ND	ND	ND	ND	ND
		1/23/03	54.6	2.52	0.36	ND	10.4	ND	ND	ND	ND	ND
		4/23/03	535	4.58	0.66	ND	11.7	ND	ND	11.0	ND	ND
		7/16/03	33.5	6.84	1.05	ND	16.3	0.65	0.70	3.1	ND	ND
		10/24/03	131	7.80	2.11	ND	15.0	1.25	1.20	ND	ND	ND
		1/16/04	27.4	7.79	2.08	ND	11.4	0.85	0.70	2.7	ND	ND
		4/20/04	86.5	8.49	3.27	ND	9.31	ND	ND	ND	ND	ND
		7/29/04	24.1	8.44	2.78	ND	6.77	ND	ND	ND	ND	ND
	Port 6 (CMT 3-6)	10/23/02	21.6	11.4	0.97	ND	37.8	ND	ND	ND	ND	ND
		1/23/03	18.1	14.5	9.95	ND	5.82	ND	ND	ND	ND	ND
		4/24/03	26.8	14.5	9.44	ND	4.01	1.05	0.95, 4.24[8]	ND	ND	ND
		7/17/03	10.7	15.4	12.3	ND	1.69	ND	ND	ND	ND	ND
		10/24/03	23.5	14.7	11.3	ND	1.06	ND	ND	ND	ND	ND
		1/16/04	14.0	13.8	11.3	ND	1.97	ND	ND	ND	ND	ND
		4/22/04	23.5	14.8	9.53	ND	1.32	ND	ND	ND	ND	ND
		7/29/04	32.9	13.7	10.2	ND	3.69	ND	ND	ND	ND	ND
	Port 7 (CMT 3-7)	10/23/02	12.1	11.2	0.57	ND	37.0	ND	ND	ND	ND	ND
		1/23/03	35.0	11.4	4.96	ND	22.7	ND	ND	ND	ND	ND
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/17/03	13.2	8.77	6.85	ND	4.56	ND	ND	ND	ND	ND
		10/24/03	16.7	9.90	7.18	ND	2.80	ND	ND	ND	ND	ND
		1/16/04	16.1	10.1	7.29	ND	3.63	ND	ND	ND	ND	ND
		4/22/04	116	8.88	6.60	ND	2.40	ND	ND	ND	ND	ND
		7/29/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 4	Port 1 (CMT 4-1)	10/25/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/17/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		1/21/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		4/23/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		7/28/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2 (CMT 4-2)	10/25/02	20.7	7.23	1.00	ND	30.6	1.75	1.90	ND	ND	ND
		1/22/03	13.8	5.29	1.36	ND	12.4	0.65	0.65	ND	ND	ND
		4/23/03	13.4	6.98	1.15	ND	9.94	0.85	0.95	ND	ND	ND
		7/17/03	11.7	7.34	0.97	ND	6.74	ND	ND	ND	ND	ND
		10/27/03	14.4	6.84	1.03	ND	8.62	ND	ND	ND	ND	ND
		1/21/04	3.30	5.88	0.94	ND	6.05	ND	ND	ND	ND	ND
		4/23/04	35.1	6.67	0.88	ND	6.05	ND	ND, ND[8]	ND	ND	ND
		7/28/04	12.8	6.02	0.71	ND	7.45	1.20	1.25	ND	ND	ND
	Port 3 (CMT 4-3)	10/25/02	25.6	8.76	0.97	ND	41.5	ND	ND	ND	ND	ND
		1/22/03	35.3	7.16	1.13	ND	29.9	2.45	2.45	ND	ND	ND
		4/23/03	51.9	6.61	1.13	ND	14.0	4.80	4.90	ND	ND	ND
		7/17/03	36.9	8.54	1.77	ND	10.7	3.85	4.10	4.5	ND	ND
		10/27/03	6.70	9.15	1.94	ND	12.7	2.50	2.55	2.0	ND	ND
		1/21/04	34.9	7.73	1.27	ND	6.78	3.25	3.30	2.9	ND	ND
		4/23/04	12.7	8.82	1.40	ND	7.04	NS	NS, 2.82[12]	ND	ND	ND
		7/28/04	40.5	4.01	0.57	ND	2.61	3.30	3.35	47	ND	ND
	Port 4 (CMT 4-4)	10/25/02	13.7	7.63	0.56	0.15	37.1	ND	ND	ND	ND	ND
		1/22/03	21.8	6.92	2.21	ND	30.3	0.95	0.95	ND	ND	ND
		4/24/03	24.9	8.08	1.54	ND	22.7	ND	ND	ND	ND	ND
		7/18/03	24.3	5.60	1.23	ND	9.31	ND	ND	ND	ND	ND
		10/27/03	19.8	5.41	1.26	ND	7.79	ND	ND	ND	ND	ND
		1/21/04	31.0	4.93	0.81	ND	5.67	0.75	0.60	ND	ND	ND
		4/23/04	61.1	6.51	0.89	ND	5.80	3.95	4.05	6.6	ND	ND
		7/28/04	23.1	6.51	0.69	ND	6.82	3.15	3.20	21	ND	ND

Table. 7 Results of analyses[1] for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous [Fe (II)] iron, total iron, methane, ethane, and ethene in Continuous Multi-channel Tubing (CMT) wells; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

			Total Alkalinity	Chloride	Nitrate	Nitrite	Sulfate	Fe (II) Iron[2]	Total Iron[2]	Methane[3]	Ethane[3]	Ethene[3]
			Method Detection Limit[4]									
Boring Identifier	**Sample Identifier**	**Sample Date[5]**	**1.0 mg $CaCO_3$/l [6]**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
CMT 4	Port 5 (CMT 4-5)	10/25/02	48.1	5.79	0.16	0.10	51.2	ND	ND	ND	ND	ND
		1/22/03	73.0	5.63	1.57	0.24	28.2	0.90	1.00	ND	ND	ND
		4/24/03	65.1	3.56	1.17	ND	10.7	4.30	4.50	ND	ND	ND
		7/18/03	67.6	2.95	0.59	ND	3.49	4.15	5.15	3.4	ND	ND
		10/28/03	63.7	3.70	0.82	ND	6.70	5.25	5.50	5.7	ND	ND
		1/21/04	78.8	2.84	ND	ND	0.80	4.35	4.45	6.9	ND	ND
		4/23/04	3.30	5.22	1.14	ND	2.86	3.45	3.40	6.0	ND	ND
		7/29/04	72.8	3.77	0.34	ND	2.04	4.25	4.35	57	ND	ND
	Port 6 (CMT 4-6)	10/28/02	52.8	2.86	0.58	ND	16.5	ND	ND	ND	ND	ND
		1/23/03	25.0	6.31	3.17	ND	9.80	ND	ND	ND	ND	ND
		4/24/03	29.9	6.50	2.48	ND	9.02	1.10	1.15	ND	ND	ND
		7/18/03	42.4	4.86	1.36	ND	3.89	2.20	1.95	ND	ND	ND
		10/28/03	24.8	5.52	1.96	ND	5.22	1.35	1.40	ND	ND	ND
		1/22/04	45.9	5.07	1.39	ND	2.59	2.60	2.75, 2.34[8]	ND	ND	ND
		4/26/04	21.2	6.18	1.02	ND	3.65	0.80	0.85	4.9	ND	ND
		7/29/04	38.0	6.53	1.80	ND	3.67	1.65	1.85	11.0	ND	ND
	Port 7 (CMT 4-7)	10/28/02	27.3	4.77	0.69	ND	23.7	ND	ND	ND	ND	ND
		1/23/03	22.2	7.19	2.74	ND	22.7	ND	ND	ND	ND	ND
		4/24/03	17.8	7.54	1.96	ND	15.8	ND	ND	ND	ND	ND
		7/17/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/03	29.5	6.18	1.59	ND	8.29	ND	ND	ND	ND	ND
		1/22/04	27.2	5.81	0.99	ND	6.88	ND	ND, 0.35[8]	2.3	ND	ND
		4/26/04	31.4	7.18	1.24	ND	7.60	1.95	2.00	ND	ND	ND
		7/29/04	22.6	6.57	1.25	ND	5.40	2.45	2.50	9.4	ND	ND

Notes:

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

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

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

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

5 Ground-water samples were collected from wells in accordance with Addendum 13 - Groundwater Monitoring Plan.

6 The MDL for total alkalinity (1.0 mg/L) was adjusted to 0.01 mg/L after April 29, 2004, to account for samples that also required Bicarbonate and Carbonate alkalinity determinations.

7 ND - Not detected

8 Total iron samples were collected from approximately 10% of the monitoring wells and analyzed by **TTL**'s laboratory for quality assurance / quality control purposes. The MDL for total iron is 0.05 mg/l for the laboratory analyses.

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

10 NS - Not sampled; well was not sampled because of insufficient water for analyses in the port.

11 A sample was collected from port 4 of CMT well 1 (CMT 1-4) on January 19, 2004, by slightly modifying the purging process (i.e. partial extraction of the well tubing) to help facilitate water removal from the port.

12 The technician did not have enough vials in the field for ferrous [Fe (II)] and total iron analyses, therefore a sample was collected for total iron laboratory analysis.

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
July 24, 2000 (No storm events several days prior to sampling)					
Trichloroethylene	10.2	----	----	15	----
Vinyl Chloride	ND[4]	----	----	ND	----
cis-1,2-Dichloroethene	2.8	----	----	2.5	----
Chloroform	ND	----	----	3.2	----
Toluene	ND	----	----	13.4	----
August 2, 2000 (Storm event during sampling)					
Trichloroethylene	ND	----	----	ND	----
August 11, 2000 (Storm event prior evening - August 10, 2000)					
Trichloroethylene	2.1	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
Toluene	ND	----	----	1.1	----
September 18, 2000					
Trichloroethylene	2.1	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
Chloroform	10.3	----	----	41.6	----
Bromodichloromethane	1.8	----	----	6.2	----
Dibromochloromethane	ND	----	----	1.5	----
November 9, 2000 (Storm event during sampling)					
Trichloroethylene	ND	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
December 15, 2000					
Trichloroethylene	8.1	----	----	ND	----
Vinyl Chloride	ND	----	----	ND	----
Toluene	ND	----	----	2.5	----
January 31, 2001					
Trichloroethylene	17.4	----	----	34.5	----
Vinyl Chloride	ND	----	----	ND	----
Chloroform	ND	----	----	1.3	----
February 27, 2001					
Trichloroethylene	21.1	----	----	100	----
Vinyl Chloride	ND	----	----	ND	----
1,1-Dichloroethene	ND	----	----	1.1	----
cis-1,2-Dichloroethene	1.4	----	----	1.5	----
Chloroform	ND	----	----	1.2	----
March 30, 2001					
Trichloroethylene	68.0	51.9	19.7	156	157
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.0	1.1
cis-1,2-Dichloroethene	ND	1.0	ND	ND	ND
April 26, 2001					
Trichloroethylene	66.6	46.4	16.7	156	88.8
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.0	1.0
cis-1,2-Dichloroethene	ND	1.5	ND	ND	ND

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
May 25, 2001					
Trichloroethylene	24.3	23.8	21.7	140	95.5
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.6	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.1
June 21, 2001					
Trichloroethylene	39.6	19.4	9.8	118	87.9
Vinyl Chloride	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.2	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	1.2
Chloroform	ND	ND	ND	3.4	ND
July 24, 2001					
Trichloroethylene	46.0	25.4	5.9	154	68.2
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.5	ND
cis-1,2-Dichloroethene	ND	1.3	ND	ND	1.0
August 17, 2001					
Trichloroethylene	39.9	18.4	5.6	191	66.6
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.2	1.7

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
August 22, 2001 (3:30 p.m.)[5]				**SW-2A**	**SW-2B**	
Trichloroethylene	----	----	----	87.3	195	63.3
Vinyl Chloride	----	----	----	1.8	ND	ND
1,1-Dichloroethene	----	----	----	ND	2.4	ND
cis-1,2-Dichloroethene	----	----	----	9.1	ND	1.4
Chloroform	----	----	----	ND	ND	ND
August 22, 2001 (9:55 p.m.)				**SW-2A**	**SW-2B**	
Trichloroethylene	----	----	----	143	174	69.3
Chloromethane	----	----	----	1.2	ND	2.3
Vinyl Chloride	----	----	----	2.9	ND	ND
1,1-Dichloroethene	----	----	----	1.5	2.1	ND
cis-1,2-Dichloroethene	----	----	----	16.8	ND	1.5
Chloroform	----	----	----	ND	ND	ND
August 23, 2001 (8:30 a.m.)				**SW-2A**	**SW-2B**	
Trichloroethylene	----	----	----	116	146	----
Chloromethane	----	----	----	ND	ND	----
Vinyl Chloride	----	----	----	2.8	ND	----
1,1-Dichloroethene	----	----	----	1.2	1.6	----
cis-1,2-Dichloroethene	----	----	----	13.8	ND	----
Chloroform	----	----	----	ND	ND	----

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
September 20, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	33.0	23.0	7.0	88.3	156	69.2
Chloromethane	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	1.6	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	1.5	ND
cis-1,2-Dichloroethene	ND	ND	ND	8.4	ND	1.2
Chloroform	1.6	3.3	ND	1.6	3.4	1.5
October 10, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	19.9	17.2	3.0	87.2	115	49.3
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	1.5	ND	5.6	ND	ND
November 8, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	39.2	33.5	9.0	106	130	91.8
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.0	1.1	ND
cis-1,2-Dichloroethene	ND	1.5	ND	5.7	ND	1.5
December 4, 2001				**SW-2A**	**SW-2B**	
Trichloroethylene	37.3	21.0	ND	107	27.5	79.0
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	1.5J[6]	ND	1.1J	2.1J	1.4J
Chloroform	ND	ND	ND	ND	1.7J	ND

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	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
January 7, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	47.5	8.6J	4.8J	28.6	30.1	14.4J
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
February 13, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	82.6	42.9	5.9J	226	158	129
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.3J	2.1J	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	7.1J	1.2J
Chloroform	ND	ND	ND	ND	ND	ND
March 19, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	66.2	47.7	11.0J	27.3	182	102
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	2.9J	ND
cis-1,2-Dichloroethene	1.2J	1.3J	ND	2.2J	2.5J	1.7J
Chloroform	ND	ND	ND	2.2J	ND	ND
April 19, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	64.1	ND	ND	156	40.5	89.8
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.2J	4.0J	ND
cis-1,2-Dichloroethene	1.4J	ND	ND	ND	2.7J	2.0J
Chloroform	ND	ND	ND	ND	1.4J	ND

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1		MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)		(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]					
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]		1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]					
May 20, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	28.3	13.6J	4.9J	105	35.9	42.3
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.4J	ND	ND
cis-1,2-Dichloroethene	1.1J	1.3J	ND	1.8J	3.8J	1.6J
Chloroform	ND	ND	ND	ND	ND	ND
June 13, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	7.5J	8.5J	3.1J	111	45.6	47.5
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.4J	ND	ND
cis-1,2-Dichloroethene	ND	1.6J	ND	1.1J	4.7J	3.5J
Chloroform	1.0J	ND	ND	ND	1.1J	2.9J
July 11, 2002				**SW-2A**	**SW-2B**	
Trichloroethylene	22.4	3.8J	ND	96.8	43.5	3.6J
Vinyl Chloride	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	1.0J	ND	ND
cis-1,2-Dichloroethene	3.6J	ND	ND	9.8J	2.1J	ND
Chloroform	ND	ND	ND	ND	ND	ND

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
August 14, 2002[7]					
Trichloroethylene	3.3J	7.1J	ND	19.6J	8.1J
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	1.2J	ND	3.5J	2.0J
Chloroform	1.8J	ND	ND	1.3J	1.3J
October 15, 2002[8]					
Trichloroethylene	1.3J	1.3J	ND	1.6J	5.5J
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND
January 10, 2003					
Trichloroethylene	37.0	28.1	7.8J	50.3	59.4
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2.3J	1.4J	ND	1.9J	3.6J
Chloroform	ND	ND	ND	1.7J	ND
February 7, 2003					
Trichloroethylene	14.5J	9.3J	3.6J	22.0	36.1
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	1.1J
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
March 28, 2003					
Trichloroethylene	50.5	21.3	5.9J	47.4	80.2
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2.9J	1.2J	ND	6.2J	4.5J
Chloroform	ND	ND	ND	ND	ND
April 29, 2003					
Trichloroethylene	44.6	34.5	7.6J	18.8J	63.2
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	3.3J	1.7J	ND	3.7J	4.9J
Chloroform	ND	ND	ND	1.6J	1.2J
July 21, 2003					
Trichloroethylene	37.7	18.9	3.0J	30.1	58.1
Vinyl Chloride	ND	ND	ND	1.4J	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	2.6J	1.5J	ND	8.0J	4.1J
Chloroform	ND	ND	ND	ND	ND

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
October 21, 2003					
Trichloroethylene	14.8J	15.7J	2.0J	51.2	38.1
Vinyl Chloride	ND	ND	ND	1.0J	ND
1,1-Dichloroethene	ND	ND	ND	1.2J	ND
cis-1,2-Dichloroethene	ND	1.2J	ND	10.4J	ND
Chloroform	ND	ND	ND	ND	ND
January 23, 2004					
Trichloroethylene	33.4	17.2J	4.3J	19.9J	45.8
Chloromethane	ND	ND	ND	1.1J	ND
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	5.5J	ND
Chloroform	ND	ND	ND	ND	ND
April 12, 2004					
Trichloroethylene	27.0	17.8J	3.6J	6.3J	36.7
Chloromethane	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	1.6J	ND	2.3J	ND
Chloroform	ND	ND	ND	ND	ND

Table 8. Results of analyses[1] of surface-water samples collected at compliance points and monitoring points (as defined in the approved Interim Corrective Measures Report); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface-water sample sites are shown on Figure 3.]

	CP-1	CP-2	CP-3	MP-1	MP-2
	(former SW-3)	(former SW-8)	(former SW-10)	(former SW-2)	(former SW-5)
	[Concentrations are expressed in micrograms/Liter (µg/l)]				
	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]	1.0 µg/l [2]
	175 µg/l TCE Action level for Kilby Ditch[3]				
July 15, 2004					
Trichloroethylene	17.5J	6.2J	2.4J	89.3	28.3
Chloromethane	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	2.2J	ND
cis-1,2-Dichloroethene	ND	ND	ND	3.6J	ND
Chloroform	ND	ND	ND	ND	ND

Notes:

--- Sample point not included in sampling plan.

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

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

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

[4] ND - Not detected

[5] Location SW-2, which has historically been a single sample from the dual pipes under Coliseum Boulevard, was sampled as two separate locations [SW-2A (north) and SW-B (south)] beginning August 22, 2001.

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

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

[8] Surface water sampling was changed from monthly to quarterly sample collection in accordance with the Interim Corrective Measures Report dated September 2001, revised February and July 2002. Monthly sampling was conducted during the pipe rehabilitation project (January through April 2003).

Table 9. Surface water quarterly field parameters[1] (temperature, conductivity, pH, dissolved oxygen, and turbidity); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

Sample Identifier[2]	Former Location Identifier	Sample Date	Temperature °C[3]	Conductivity (µmhos)[4]	pH (s.u.)[5]	Dissolved Oxygen (mg/l)[6]	Turbidity (ntu)[7]
CP-1	SW-3	8/14/02	33.70	197	8.38	7.92	6.0
		10/15/02	19.20	126	8.26	8.05	10.5
		1/10/03	16.21	108	7.02	13.1	3.0
		2/7/03	9.20	102	6.82	NM[8]	15.5
		3/28/03	NM	NM	NM	NM	NM
		4/29/03	26.66	152	6.94	6.11	6.5
		7/21/03	29.17	148	7.10	9.99	16.4
		10/21/03	27.01	128	8.35	4.67	1.1
		1/23/04	16.77	107	8.06	15.7	16.1
		4/12/04	27.23	125	7.35	5.56	17.5
		7/15/04	26.38[9]	75	7.80[9]	14.23[9]	3.2[9]
CP-2	SW-8	8/14/02	28.54	214	7.41	5.25	16.7
		10/15/02	18.64	122	7.45	5.71	15.9
		1/10/03	13.77	115	6.31	12.6	7.1
		2/7/03	9.40	101	6.35	NM	22.0
		3/28/03	NM	NM	NM	NM	NM
		4/29/03	20.32	141	6.33	3.62	49.0
		7/21/03	25.56	153	6.43	3.73	12.3
		10/21/03	23.77	157	7.75	4.32	3.2
		1/23/04	11.71	137	7.63	9.17	10.7
		4/12/04	21.51	145	7.61	5.29	11.2
		7/15/04	25.77[9]	166	9.25[9]	5.21	3.5[9]
CP-3	SW-10	8/14/02	28.40	188	7.10	4.95	14.8
		10/15/02	18.17	111	7.24	5.76	15.8
		1/10/03	14.15	111	6.37	12.4	4.0
		2/7/03	9.20	93.0	6.00	NM	14.1
		3/28/03	NM	NM	NM	NM	NM
		4/29/03	21.86	129	6.51	5.70	17.7
		7/21/03	26.41	130	6.70	4.68	22.3
		10/21/03	24.23	143	7.55	4.42	3.4
		1/23/04	16.64	120	7.04	10.70	3.6
		4/12/04	21.27	128	7.07	4.83	14.9
		7/15/04	25.73	120	5.80	4.30	3.1[9]

Table 9. Surface water quarterly field parameters[1] (temperature, conductivity, pH, dissolved oxygen, and turbidity); May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Project; Montgomery, Alabama.

Sample Identifier[2]	Former Location Identifier	Sample Date	Temperature °C[3]	Conductivity (µmhos)[4]	pH (s.u.)[5]	Dissolved Oxygen (mg/l)[6]	Turbidity (ntu)[7]
MP-1	SW-2	8/14/02	27.27	202	7.09	5.62	9.5
		10/15/02	20.10	139	7.34	9.15	30.2
		1/10/03	16.60	100	6.36	10.8	3.5
		2/7/03	11.30	102	6.80	NM	14.2
		3/28/03	NM	NM	NM	NM	NM
		4/29/03	22.39	132	6.87	4.99	7.1
		7/21/03	26.91	143	6.59	6.67	7.6
		10/21/03	26.72	226	7.48	4.79	2.5
		1/23/04	12.59	203	6.94	9.81	11.7
		4/12/04	26.34	165	6.44	3.24	52.3
		7/15/04	27.10	112	6.31	4.65	4.0[9]
MP-2	SW-5	8/14/02	33.86	212	7.48	6.01	2.0
		10/15/02	19.19	159	7.22	7.95	15.5
		1/10/03	15.15	112	6.59	12.0	12.2
		2/7/03	10.20	112	6.48	NM	24.3
		3/28/03	NM	NM	NM	NM	NM
		4/29/03	23.89	146	6.56	7.15	9.3
		7/21/03	28.79	157	6.64	6.84	5.4
		10/21/03	26.62	126	7.98	8.05	1.6
		1/23/04	10.51	97	7.31	9.08	5.5
		4/12/04	28.40	125	6.77	4.98	17.1
		7/15/04	30.15[9]	94	8.95	14.30[9]	3.5[9]

Notes:

[1] All field parameters were measured with a YSI multi-parameter (556 MPS) meter.
[2] CP - Compliance Point; MP - Monitoring Point
[3] °C - Degrees Celsius
[4] µmhos - Micromhos
[5] s.u. - standard units
[6] mg/l - milligrams per liter
[7] ntu - nephelometric turbidity units
[8] NM - Not measured; Technician inadvertently did not measure the parameter.
[9] Field parameters were remeasured on 7/22/04, due to a misrecording of one of the field parameters by the field crew.

Table 10. Results of analyses of detected volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Carbon Filter 1[2]	Carbon Filter 2	Carbon Filter 3	Trip Blanks	Volume Treated
	[Concentrations are expressed in micrograms per liter (µg/l)]				
Sample Date	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**1.0 µg/l [3]**	**gallons**
July 22, 2004					
Trichloroethylene	ND[4]	NS[5]	ND	ND	1,229
Chloroform	ND		ND	ND	
Chloromethane	ND		ND	ND	
Total Volume Treated - July 2004					**1,229**

Notes:

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

[2] Carbon filters installed in series; samples collected after Carbon Filter 1 (1st filter in series) to determine break through. Samples collected after Carbon Filter 3 for compliance with Montgomery Water Works and Sanitary Sewer Board discharge requirements.

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

[4] ND - Not Detected

[5] NS - No sample collected this month.

Table 11. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying Areas"; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 5.]

			Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene	Trans-1,2-Dichloroethene
			[Concentrations are in micrograms per kilogram (µg/kg)]										
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
A	11/15/01	6	ND[4]	ND	ND	ND	ND	ND	4.3J[5]	ND	ND	ND	ND
	2/13/02	12	ND	ND	ND	ND	ND	ND	ND	ND	6.3J	ND	ND
	5/22/02	-	NC[6]	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	18.9J	ND	8.4J	ND	3.1J	ND
B	11/15/01	5	ND	ND	ND	ND	ND	ND	3.6J	ND	ND	ND	ND
	2/13/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B - dup[7]	2/13/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	7.3J	ND	4.0J	ND	ND	ND
C	11/15/01	8	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND	ND
	2/13/02	8	NR[8]	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	9.0J	ND	4.5J	ND	ND	ND
D	11/15/01	8	ND	ND	ND	ND	ND	ND	ND	3.3J	ND	ND	ND
D-dup	11/15/01	8	ND	ND	ND	ND	ND	ND	ND	12.4J	ND	ND	ND
D	2/13/02	8	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	5.5J	ND	3.2J	ND	ND	ND
E	11/15/01	4	ND	ND	ND	ND	ND	ND	3.9J	25.5J	ND	ND	ND
	2/13/02	7	ND	ND	ND	ND	ND	ND	ND	9.5	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	16.6J	ND	8.0J	ND	ND	ND
F	11/15/01	6	ND	ND	ND	ND	ND	ND	10.6J	8.8J	ND	ND	ND
	2/13/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	6.0J	ND	3.5J	ND	ND	ND
G	11/15/01	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/02	7	ND	ND	ND	ND	ND	ND	ND	ND	14.4	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	5.5J	ND	3.3J	ND	ND	ND
H	11/15/01	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/02	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	7.1J	ND	4.1J	ND	ND	ND
I	11/16/01	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	12.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	5	6.8J	ND	ND	ND	ND	1.9J	4.2J	4.7J	ND	ND	ND
	9/17/02[9]	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	8	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)
	7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I-dup	7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	1/29/04	8	ND	ND	ND	ND	ND	5.2J	ND	4.1J	ND	ND	ND
	7/26/04	9	ND	ND	ND	ND	ND	6.3J	ND	4.5J	ND	ND	ND
I-dup	7/26/04	9	ND	ND	ND	ND	ND	6.1J	ND	5.0J	ND	ND	ND
J	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	7.5J	4.1J	ND	ND	ND
	9/17/02[9]	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	8	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)
	7/21/03	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.0J	ND	5.7J	ND	ND	ND
	7/26/04	10	ND	ND	ND	ND	ND	3.8J	ND	ND	ND	ND	ND

Table 11. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying Areas"; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 5.]

			Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene	Trans-1,2-Dichloroethene
			[Concentrations are in micrograms per kilogram (µg/kg)]										
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
K	11/16/01	8	ND	ND	ND	ND	ND	ND	3.1J	ND	ND	ND	ND
K-dup	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	5/22/02	12	ND	ND	ND	ND	ND	ND	3.2J	6.0J	ND	ND	ND
	9/17/02[9]	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	10	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
	7/21/03	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.2J	ND	3.4J	ND	ND	ND
	7/26/04	9	ND	ND	ND	ND	ND	5.9J	ND	6.5J	ND	ND	ND
L	11/16/01	10	3.9J	ND	ND	ND	ND	ND	3.1J	ND	ND	ND	ND
	2/14/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
L-dup	5/22/02	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
L	9/17/02[9]	8	26.4J	6.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	9	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
	7/21/03	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	3.3J	ND	3.5J	ND	ND	ND
	7/26/04	11	10.4J	26.4J	4.9J	ND	ND	34.2J	ND	11.8J	ND	7.3J	3.7J
M	11/16/01	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
	2/14/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	3.3J	3.0J	ND	ND	ND
	9/17/02[9]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	9	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)
	7/29/03[11]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	6.7J	ND	4.2J	ND	ND	ND
	7/26/04	9	ND	ND	ND	ND	ND	9.2J	ND	4.3J	ND	ND	ND
N	11/15/01	3	50.6J	ND	ND	ND	ND	ND	6.6J	16.4J	ND	ND	ND
	2/13/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	10	ND	ND	ND	ND	ND	ND	3.3J	ND	ND	ND	ND
	9/17/02[9]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	9/17/02[9]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND
	1/14/03[10]	8	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
	7/21/03	2	3.6J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.3J	ND	3.2J	ND	ND	ND
	7/26/04	8	ND	ND	ND	ND	ND	7.0J	ND	5.1J	ND	ND	ND
O	11/15/01	3	ND	ND	ND	ND	ND	ND	3.1J	3.3J	ND	ND	ND
	2/13/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	4.8J	4.0J	5.7J	ND	ND
	9/17/02[9]	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	35.1	ND	ND	ND	ND	7.1J	ND	ND	ND
	1/14/03[10]	11	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
	7/21/03	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	750	18.8J	ND	ND	ND	31.2J	ND	15.9J	ND	5.2J	ND
	3/9/04[12]	15	104	35.4J	6.3J	ND	ND	ND	ND	5.5J	ND	ND	ND
	4/14/04[13]	8-12	ND	3.4J	3.9J	ND	ND	ND	ND	6.1J	ND	ND	ND
	7/26/04	12	ND	3.9J	ND	ND	ND	31.4J	ND	12.1J	ND	6.8J	ND
O - East	4/14/04[13]	8-12	ND	6.2J	ND	ND	ND	ND	ND	9.5J	ND	ND	ND
O - North	4/14/04[13]	8-12	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	ND	ND
O - South	4/14/04[13]	8-12	ND	3.1J	5.1J	ND	ND	ND	ND	6.1J	ND	ND	ND
O - West 1	4/14/04[13]	8-12	81.1	486	44.7	ND	ND	ND	ND	6.3J	ND	ND	25.9J
O - West 1 dup	4/14/04[13]	8-12	ND	22.3J	30.4J	ND	ND	ND	ND	6.7J	ND	ND	3.0J
O - West 2	4/14/04[13]	8-12	ND	ND	8.0J	ND	ND	ND	ND	11.0J	ND	ND	ND

Table 11. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying Areas"; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 5.]

			Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene	Trans-1,2-Dichloroethene
			[Concentrations are in micrograms per kilogram (µg/kg)]										
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
P	11/15/01	2	ND	ND	ND	ND	ND	ND	ND	ND	7.1J	ND	ND
	2/13/02	9	10.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	11	7.0J	ND	ND	ND	ND	ND	6.7J	ND	ND	ND	ND
	9/17/02[9]	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	10	11.0	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)
	7/21/03	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	12.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/26/04	12	ND	ND	ND	ND	ND	5.5J	ND	3.9J	ND	ND	ND

Notes:

[1] Samples were analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.
[2] Methylene Chloride is considered to have been present in the laboratory during analysis of the samples.
[3] MDL - Method Detection Limit of 3.0 micrograms per kilogram (µg/kg) for the soil laboratory analyses
[4] ND - Not Detected
[5] J - Concentration below the calibration curve, but above the detection limit
[6] NC - Not Collected during indicated sampling period. Quarterly sampling was initiated after the February 2002 sampling event and the only sample locations to be sampled are I through P.
[7] dup - Duplicate sample collected for quality assurance/quality control purposes.
[8] NR - Not Reported, analytical results were not reported by STL laboratories because the soil sample appeared to have something in the matrix which caused the sample not to purge.
[9] Results on September 17, 2002, are reported on "wet-weight" basis.
[10] Sediment samples collected on 1/14/03 were analyzed by STL Laboratories because **TTL**'s laboratory equipment malfunctioned. STL's method detection limits varied for some samples and are indicated in parentheses ( ).
[11] Sample location M was not located on 7/21/03, but was located and sampled on 7/29/03.
[12] In the sediment sample collected at location O on January 29, 2004, low mass and low percent solids present in the sample possibly resulted in an ambiguous level of TCE; therefore another sample was collected on March 9, 2004.
[13] On April 14, 2004, location O was sampled for verification and delineation of TCE detected in the sediment samples collected on January 29 and March 9, 2004.

Table 12. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; May 2004 through July 2004 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 6.]

		Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
		[Concentrations are in micrograms per liter (µg/l)]					
Sample Identifier	Sample Date	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
A	11/15/01	ND[4]	ND	ND	ND	ND	ND
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC[5]	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
B	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
B-dup[6]	2/13/02	ND	ND	ND	ND	ND	ND
B	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
C	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	3
	1/29/04	ND	ND	ND	ND	ND	ND
D	11/15/01	NC	NC	NC	NC	NC	NC
D-dup	11/15/01	NC	NC	NC	NC	NC	NC
D	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
E	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
F	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	1.1J[7]
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
G	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
H	11/15/01	ND	ND	ND	ND	ND	ND
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	1.1J	ND	ND	ND	ND	ND
I	11/16/01	4.6J	ND	ND	ND	ND	ND
	2/14/02	5.0J	ND	ND	ND	ND	ND
	5/22/02	2.3J	ND	ND	ND	ND	ND
	9/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	4.2J	ND	ND	ND	ND	ND
	1/14/03	4.3J	ND	ND	ND	ND	ND
	7/21/03	7.5J	ND	ND	ND	ND	ND
I-dup	7/21/03	7.5J	ND	ND	ND	ND	ND
I	1/29/04	2.4J	ND	ND	ND	ND	ND
	7/26/04	1.0J	ND	ND	ND	ND	ND
I-dup	7/26/04	ND	ND	ND	ND	ND	ND

Table 12. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; May 2004 through July 2004 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 6.]

		Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
		[Concentrations are in micrograms per liter (µg/l)]					
Sample Identifier	Sample Date	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
J	11/16/01	2.8J	ND	ND	ND	ND	ND
	2/14/02	3.9J	ND	ND	ND	ND	ND
	5/22/02	1.9J	ND	ND	ND	ND	ND
	9/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	3.9J	ND	ND	ND	ND	ND
	1/14/03	2.9J	ND	ND	ND	ND	ND
	7/21/03	8.3J	ND	ND	ND	ND	ND
	1/29/04	ND	ND	ND	1.2J	ND	ND
	7/26/04	ND	ND	ND	ND	ND	ND
K	11/16/01	4.9J	ND	ND	ND	ND	ND
K-dup	11/16/01	4.9J	ND	ND	ND	ND	ND
K	2/14/02	16.4J	ND	ND	ND	ND	ND
K-dup	2/14/03	16.2J	ND	ND	ND	ND	ND
K	5/22/02	5.5J	ND	ND	ND	ND	ND
	9/17/02	2.2J	ND	ND	ND	ND	1.4J
	10/31/02	5.5J	ND	ND	ND	ND	ND
	1/14/03	13.9J	ND	ND	ND	ND	ND
	7/21/03	20.3	ND	ND	ND	ND	ND
	1/29/04	10.7J	ND	ND	1.0J	ND	ND
	7/26/04	6.4J	ND	ND	ND	ND	ND
L	11/16/01	2.9J	ND	ND	ND	ND	ND
	2/14/02	7.9J	ND	ND	ND	ND	ND
	5/22/02	2.7J	ND	ND	ND	ND	ND
L-dup	5/22/02	2.6J	ND	ND	ND	ND	ND
L	9/17/02	1.4J	ND	ND	ND	ND	ND
	10/31/02	3.4J	ND	ND	ND	ND	ND
	1/14/03	6.0J	ND	ND	ND	ND	ND
	7/21/03	4.3J	ND	ND	ND	ND	ND
	1/29/04	4.6J	ND	ND	ND	ND	ND
	7/26/04	4.1J	ND	ND	ND	ND	ND
M	11/16/01	ND	ND	ND	ND	ND	ND
	2/14/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	9/17/02	NC	NC	NC	NC	NC	NC
	10/31/02	NC	NC	NC	NC	NC	NC
	1/14/03	ND	ND	ND	ND	ND	ND
	7/29/03[8]	ND	ND	ND	ND	ND	5.0J
	1/29/04	ND	ND	ND	ND	ND	ND
N	11/15/01	7.0J	ND	ND	ND	ND	ND
	2/13/02	16.8J	ND	ND	ND	ND	ND
	5/22/02	7.6J	ND	ND	ND	ND	ND
	9/17/02	3.7J	ND	ND	ND	ND	ND
N-dup	9/17/02	3.7J	ND	ND	ND	ND	ND
N	10/31/02	10.0J	ND	ND	ND	ND	ND
	1/14/03	15.2J	ND	ND	ND	ND	ND
	7/21/03	28.0	ND	ND	ND	ND	ND
	1/29/04	15.2J	ND	ND	3.2J	ND	ND
	7/26/04	11.9J	ND	ND	ND	ND	ND

Table 12. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; May 2004 through July 2004 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 6.]

		Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
		[Concentrations are in micrograms per liter (µg/l)]					
Sample Identifier	Sample Date	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
O	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	9/17/02	ND	ND	ND	1.0J	ND	ND
	10/31/02	2.5J	15.3J	4.8J	ND	ND	ND
	1/14/03	4.8J	14.4J	ND	ND	ND	ND
	7/21/03	NS[9]	NS	NS	NS	NS	NS
	1/29/04	31.8	6.9J	ND	4.5J	ND	ND
	7/26/04	ND	5.4J	1.3J	ND	ND	ND
P	11/15/01	16.8J	ND	ND	ND	ND	ND
	2/13/02	41.2	ND	ND	ND	ND	ND
	5/22/02	22.4	ND	ND	ND	ND	ND
	9/17/02	10.5J	ND	ND	ND	ND	ND
	10/31/02	25.1	ND	ND	ND	ND	ND
	1/14/03	43.2	ND	ND	ND	ND	ND
	7/21/03	42.2	ND	ND	ND	ND	ND
	1/29/04	25.0	ND	ND	2.3J	ND	ND
	7/26/04	23.4	ND	ND	ND	ND	ND
Rinsate	11/15/01	ND	ND	ND	ND	ND	ND
Blank	11/15/01	ND	ND	ND	ND	ND	ND
Rinsate 2	11/16/01	ND	ND	ND	ND	ND	ND
Blank	11/16/01	ND	ND	ND	ND	ND	ND
Rinsate	2/13/02	ND	ND	ND	ND	ND	ND
Blank	2/13/02	ND	ND	ND	ND	ND	ND
Rinsate 2	2/14/02	ND	ND	ND	ND	ND	ND
Blank	2/14/02	ND	ND	ND	ND	ND	ND
Rinsate	5/22/02	ND	ND	ND	ND	5.1J	ND
Blank	5/22/02	ND	ND	ND	ND	ND	ND
Rinsate	9/17/02	ND	ND	ND	ND	ND	ND
Blank	9/17/02	ND	ND	ND	ND	ND	ND
Rinsate	10/31/02	ND	ND	ND	ND	ND	ND
Blank	10/31/02	ND	ND	ND	ND	ND	ND
Rinsate	1/14/03	ND	ND	ND	ND	ND	ND
Blank	1/14/03	ND	ND	ND	ND	ND	ND
Rinsate	7/21/03	ND	ND	ND	ND	ND	ND
Blank	7/21/03	ND	ND	ND	ND	ND	ND
Blank (Loc. M)	7/29/03	ND	ND	ND	ND	ND	ND
Rinsate[10]	1/29/04	NC	NC	NC	NC	NC	NC
Blank[10]	1/29/04	NC	NC	NC	NC	NC	NC
Rinsate	4/14/04	ND	ND	ND	ND	ND	ND
Blank	4/14/04	ND	ND	ND	ND	ND	ND
Rinse	7/26/04	ND	ND	ND	ND	ND	ND
Blank	7/26/04	ND	ND	ND	ND	ND	ND

Notes:

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

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

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

4 ND - Not Detected

5 NC - Not Collected; sampling location was not scheduled to be sampled. Quarterly sampling was initiated after the February 2002 sampling event and the only sample locations to be sampled are I through P.

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

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

8 Sample location M was not located on 7/21/03, but was located and sampled on 7/29/03.

9 NS - Not sampled; sample location was not sampled because of insufficient water for analyses

10 Rinse, blank, and duplicate samples were inadvertently not collected on January 29, 2004, for quality assurance/quality control purposes.

Table 13. Results of analyses of detected volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Methylene Chloride	Chloromethane
		[(Concentrations are expressed in micrograms/liter (µg/l)]		
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**	**1.0 µg/l [2]**
Bladder Pump Rinse 1 @ 9:30 A.M.	7/7/04	ND[3]	ND	ND
Bladder Pump Rinse 1 @ 4:55 P.M.	7/7/04	ND	ND	ND
Blank	7/7/04	ND	ND	ND
Bladder Pump Rinse 2 @ 9:30 A.M.	7/7/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:55 P.M.	7/7/04	ND	ND	ND
Blank	7/7/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/8/04	ND	ND	ND
Bladder Pump Rinse 1 @ 5:00 P.M.	7/8/04	ND	ND	ND
Blank	7/8/04	ND	ND	ND
Bladder Pump Rinse 2 @ 7:30 A.M.	7/8/04	ND	ND	ND
Bladder Pump Rinse 2 @ 5:30 P.M.	7/8/04	ND	ND	ND
Blank	7/8/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/9/04	ND	ND	ND
Bladder Pump Rinse 1 @ 5:00 P.M.	7/9/04	ND	ND	ND
Blank	7/9/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:15 A.M.	7/9/04	ND	ND	ND
Bladder Pump Rinse 2 @ 5:09 P.M.	7/9/04	ND	ND	ND
Blank	7/9/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/12/04	ND	ND	ND
Bladder Pump Rinse 1 @ 5:00 P.M.	7/12/04	ND	ND	ND
Blank	7/12/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:30 A.M.	7/12/04	ND	ND	ND
Bladder Pump Rinse 2 @ 2:00 P.M.	7/12/04	ND	ND	ND
Blank	7/12/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/13/04	ND	ND	ND
Bladder Pump Rinse 1 @ 5:00 P.M.	7/13/04	ND	ND	ND
Blank	7/13/04	ND	ND	ND
Bladder Pump Rinse 2 @ 9:10 A.M.	7/13/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:10 P.M.	7/13/04	ND	ND	ND
Blank	7/13/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/14/04	ND	ND	ND
Bladder Pump Rinse 1 @ 5:00 P.M.	7/14/04	ND	ND	ND
Blank	7/14/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:00 A.M.	7/14/04	ND	ND	ND
Bladder Pump Rinse 2 @ 5:30 P.M.	7/14/04	ND	ND	ND
Blank	7/14/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/15/04	ND	ND	ND
Bladder Pump Rinse 1 @ 4:30 P.M.	7/15/04	ND	ND	ND
Blank	7/15/04	ND	ND	ND
Bladder Pump Rinse 2 @ 10:00 A.M.	7/15/04	ND	ND	ND
Bladder Pump Rinse 2 @ 6:20 P.M.	7/15/04	ND	ND	ND
Blank	7/15/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/16/04	ND	ND	ND
Bladder Pump Rinse 1 @ 3:50 P.M.	7/16/04	ND	ND	ND
Blank	7/16/04	ND	ND	ND
Bladder Pump Rinse 2 @ 9:30 A.M.	7/16/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:15 P.M.	7/16/04	ND	ND	ND
Blank	7/16/04	ND	ND	ND

Table 13. Results of analyses of detected volatile organic compounds (VOCs)[1] in quality assurance / quality control samples; May 2004 through July 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

		Trichloroethylene	Methylene Chloride	Chloromethane
		[(Concentrations are expressed in micrograms/liter (µg/l)]		
Sample Identifier	**Sample Date**	**1.0 µg/l [2]**	**1.0 µg/l [2]**	**1.0 µg/l [2]**
Bladder Pump Rinse 1 @ 7:30 A.M.	7/19/04	ND	ND	ND
Bladder Pump Rinse 1 @ 6:30 P.M.	7/19/04	ND	ND	ND
Blank	7/19/04	ND	ND	ND
Bladder Pump Rinse 2 @ 9:00 A.M.	7/19/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:20 P.M.	7/19/04	ND	ND	ND
Blank	7/19/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:30 A.M.	7/20/04	ND	ND	ND
Bladder Pump Rinse 1 @ 5:00 P.M.	7/20/04	ND	ND	ND
Blank	7/20/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:10 A.M.	7/20/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:30 P.M.	7/20/04	ND	ND	ND
Blank	7/20/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/21/04	ND	ND	ND
Bladder Pump Rinse 1 @ 12:00 P.M.	7/21/04	ND	ND	ND
Blank	7/21/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:30 A.M.	7/21/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:40 P.M.	7/21/04	ND	ND	ND
Blank	7/21/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:30 A.M.	7/22/04	ND	ND	ND
Bladder Pump Rinse 1 @ 4:30 P.M.	7/22/04	ND	ND	ND
Blank	7/22/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:00 A.M.	7/22/04	ND	ND	ND
Bladder Pump Rinse 2 @ 2:35 P.M.	7/22/04	ND	ND	ND
Blank	7/22/04	ND	ND	ND
Bladder Pump Rinse 1 @ 7:00 A.M.	7/23/04	2.0J[4]	ND	ND
Bladder Pump Rinse 1 @ 3:00 P.M.	7/23/04	ND	ND	ND
Blank	7/23/04	ND	ND	ND
Bladder Pump Rinse 2 @ 2:15 P.M.	7/23/04	ND	ND	ND
Bladder Pump Rinse 2 @ 4:00 P.M.	7/23/04	ND	ND	ND
Blank	7/23/04	ND	ND	ND
Blank (CMT 1-1, 1-2, and 1-3)	7/26/04	ND	ND	ND
Bladder Pump Rinse 2 @ 8:30 A.M.	7/26/04	ND	ND	ND
Blank	7/26/04	ND	ND	ND
Bladder Pump Rinse 2 @ 12:00 P.M.	7/26/04	ND	ND	ND
Blank	7/26/04	ND	ND	ND
Blank (CMT 1-5, 1-6, and 1-7)	7/27/04	ND	ND	ND
Blank (CMT 3-2 and 3-3)	7/28/04	ND	ND	ND
Blank (CMT 4-2, 4-3, and 4-4)	7/28/04	ND	ND	ND
Blank (CMT 3-4, 3-5, and 3-6)	7/29/04	ND	ND	ND
Blank (CMT 4-5, 4-6, and 4-7)	7/29/04	ND	ND	ND
Blank (CMT 2-1 through 2-7)	7/30/04	ND	ND	ND

Notes:

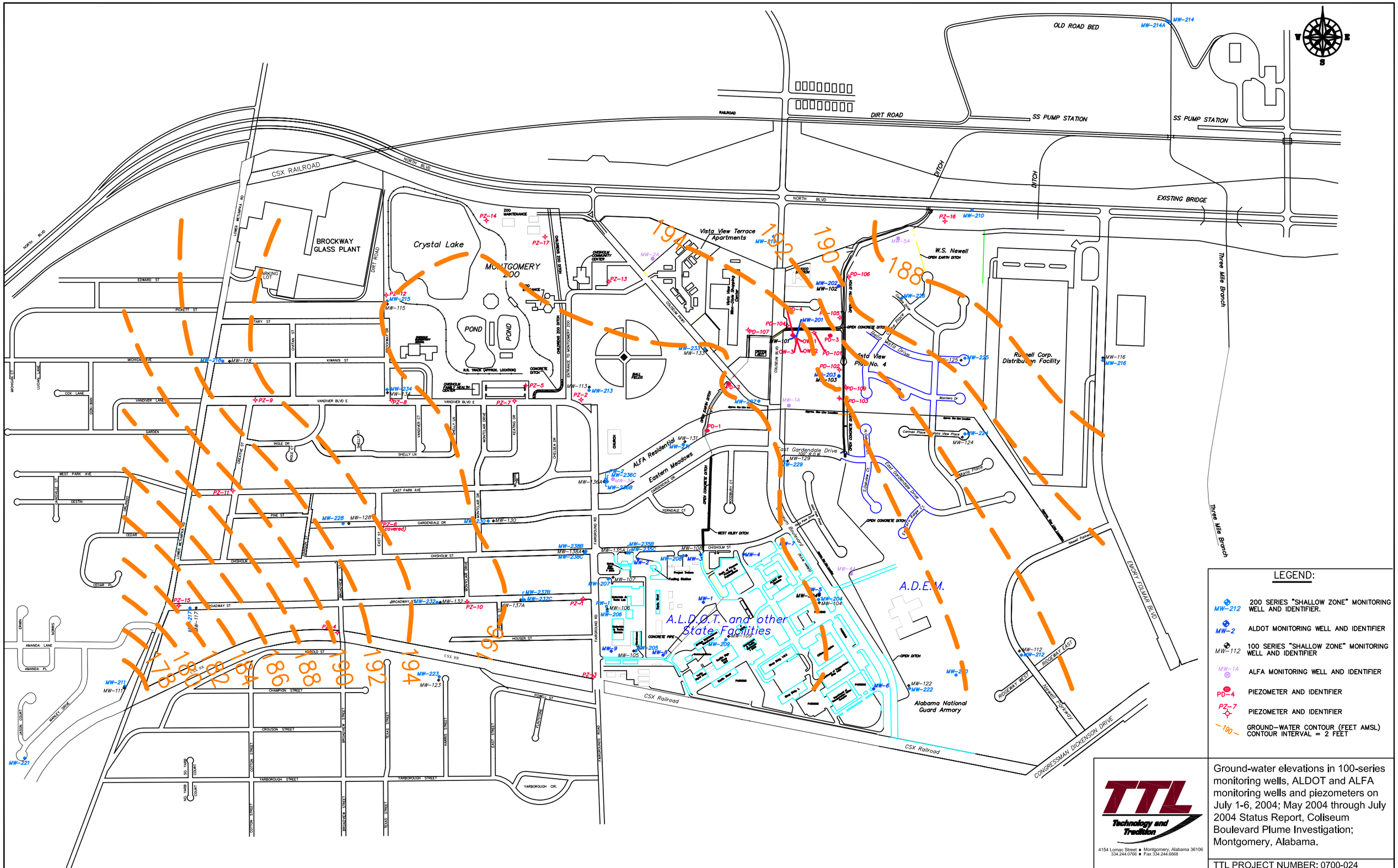
[1] Samples were analyzed by **TTL, Inc.** in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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

[3] ND - Not detected

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

FIGURES



LEGEND:

- MW-212 — 200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER.
- MW-2 — ALDOT MONITORING WELL AND IDENTIFIER
- MW-112 — 100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
- MW-1A (10) — ALFA MONITORING WELL AND IDENTIFIER
- PD-4 (12) — PIEZOMETER AND IDENTIFIER
- PZ-7 — PIEZOMETER AND IDENTIFIER
- 190 — GROUND-WATER CONTOUR (FEET AMSL) CONTOUR INTERVAL = 2 FEET

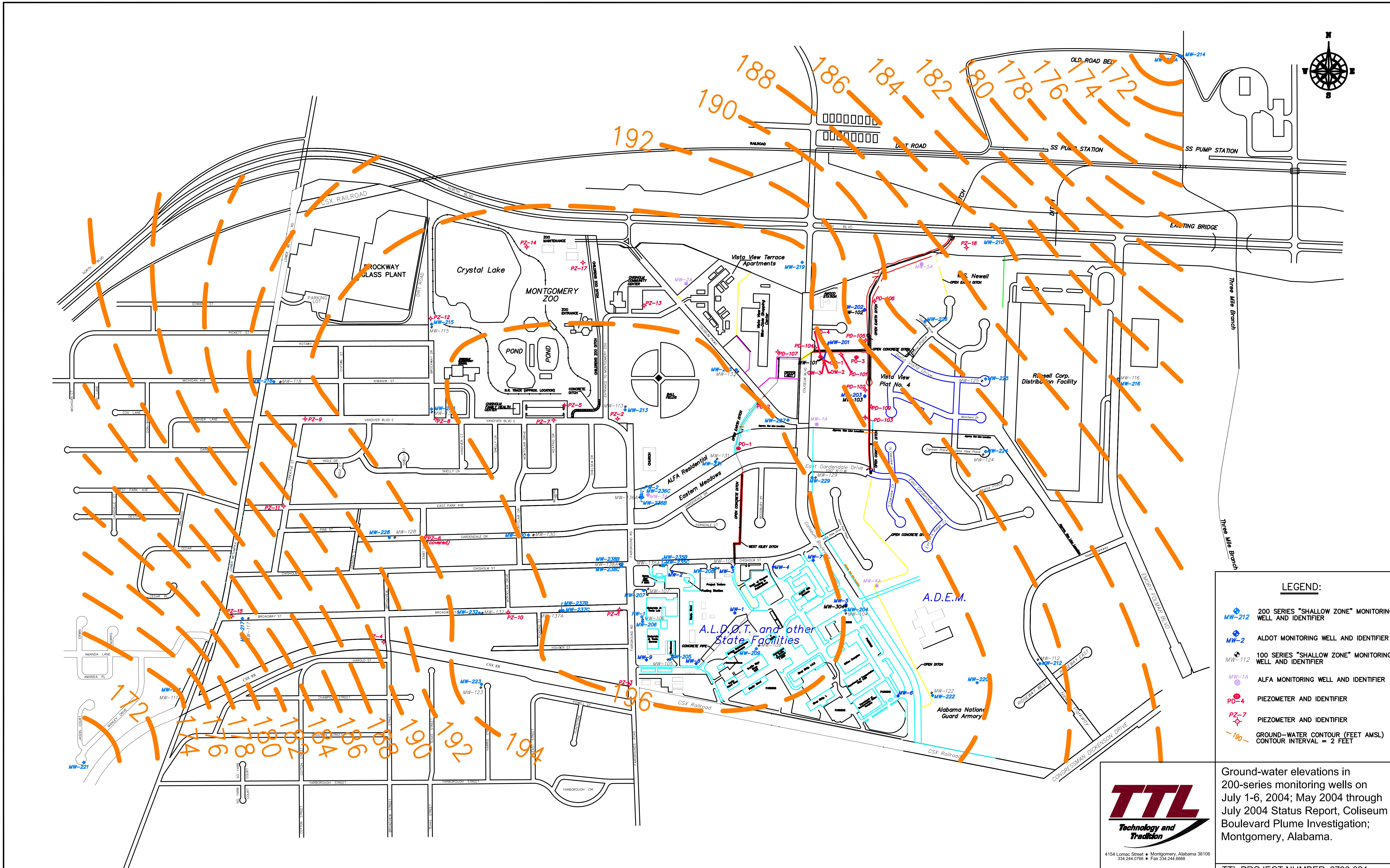
Note: Base map is a composite of an initial base map compiled by Goodwyn, Mills & Cawood Environmental Consultants, Inc. and a June 16, 2000 map by Larry E. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama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

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

Ground-water elevations in 100-series monitoring wells, ALDOT and ALFA monitoring wells and piezometers on July 1-6, 2004; May 2004 through July 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

Drawing No. 040811	SCALE: 1" = 800'	Figure 1

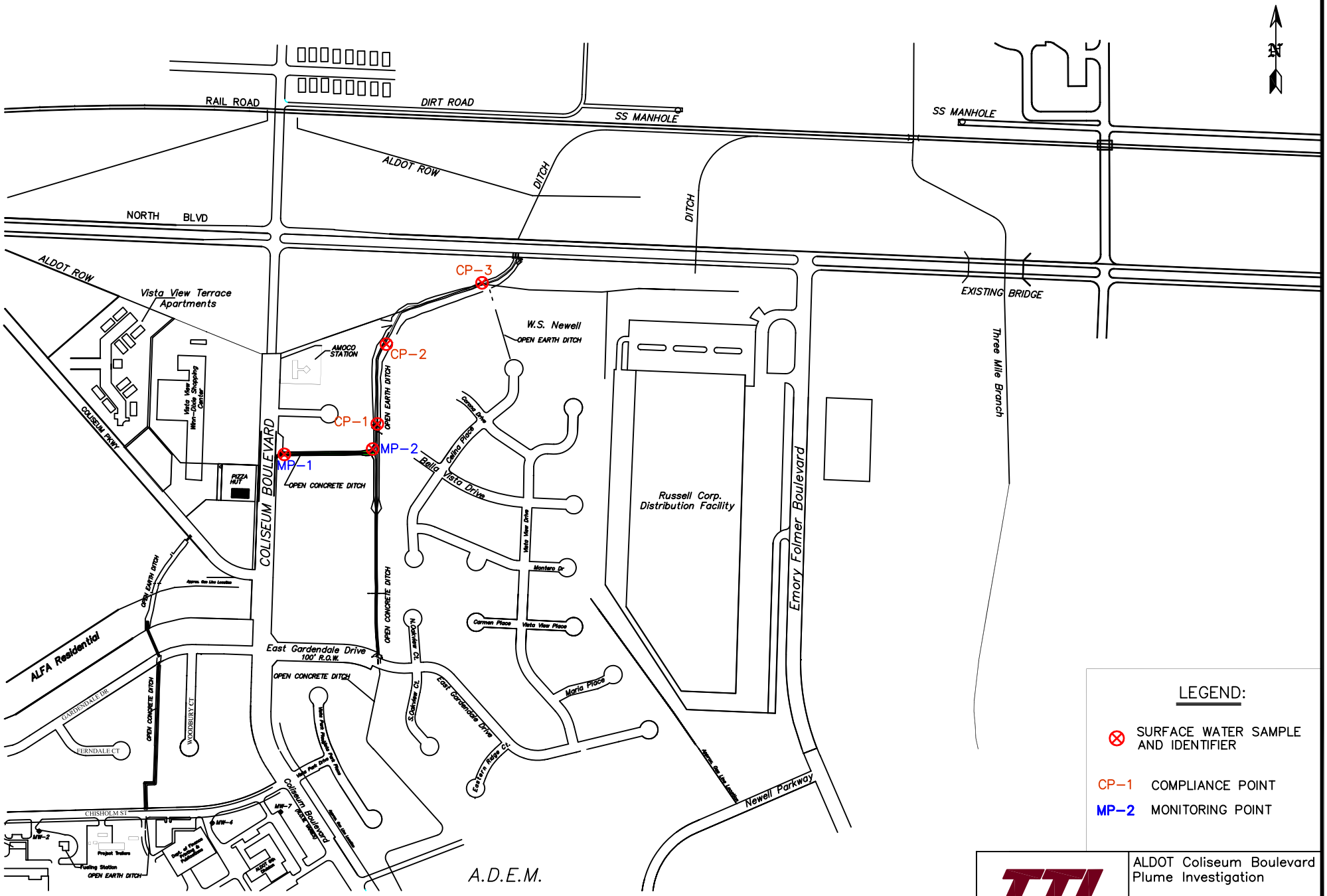


Ground-water elevations in 200-series monitoring wells on July 1-6, 2004; May 2004 through July 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

Drawing No. 040811.1 | SCALE: 1" = 800' | Figure 2

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



LEGEND:

⊗ SURFACE WATER SAMPLE AND IDENTIFIER

CP-1 COMPLIANCE POINT

MP-2 MONITORING POINT

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

TTL Technology and Tradition

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334.244.0766 ▪ Fax 334.244.6668

Drawing No. 030115

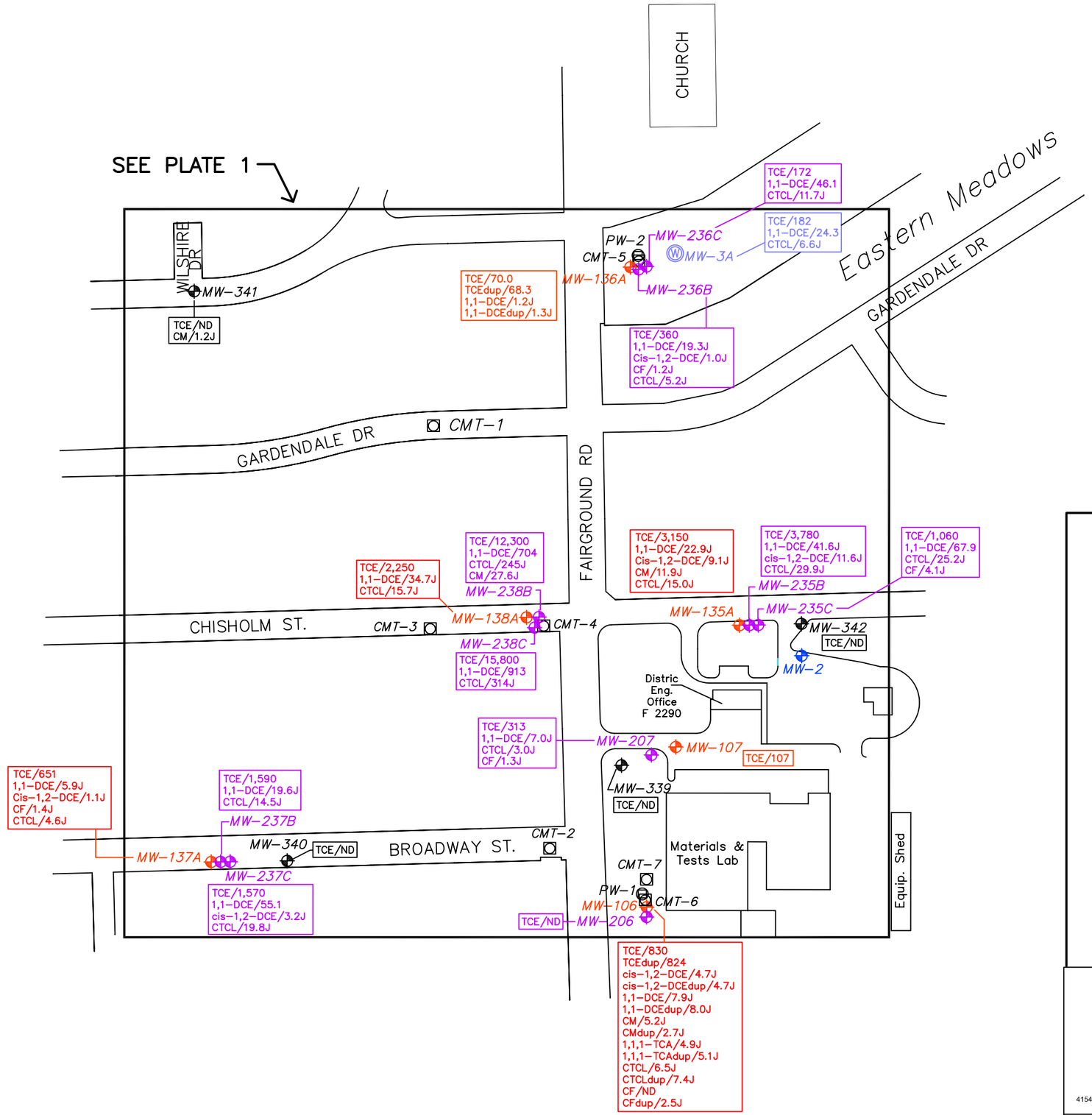
ALDOT Coliseum Boulevard Plume Investigation

Locations of Surface Water Samples

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 700'

Figure 3



LEGEND:

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

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

CM=CHLOROMETHANE
MCL=METHYLENE CHLORIDE
T=TOLUENE
1,1-DCA= 1,1-DICHLOROETHANE
1,1,2-TCA= 1,1,2-TRICHLOROETHANE
Cis-1,2-DCE= Cis-1,2-DICHLOROETHENE

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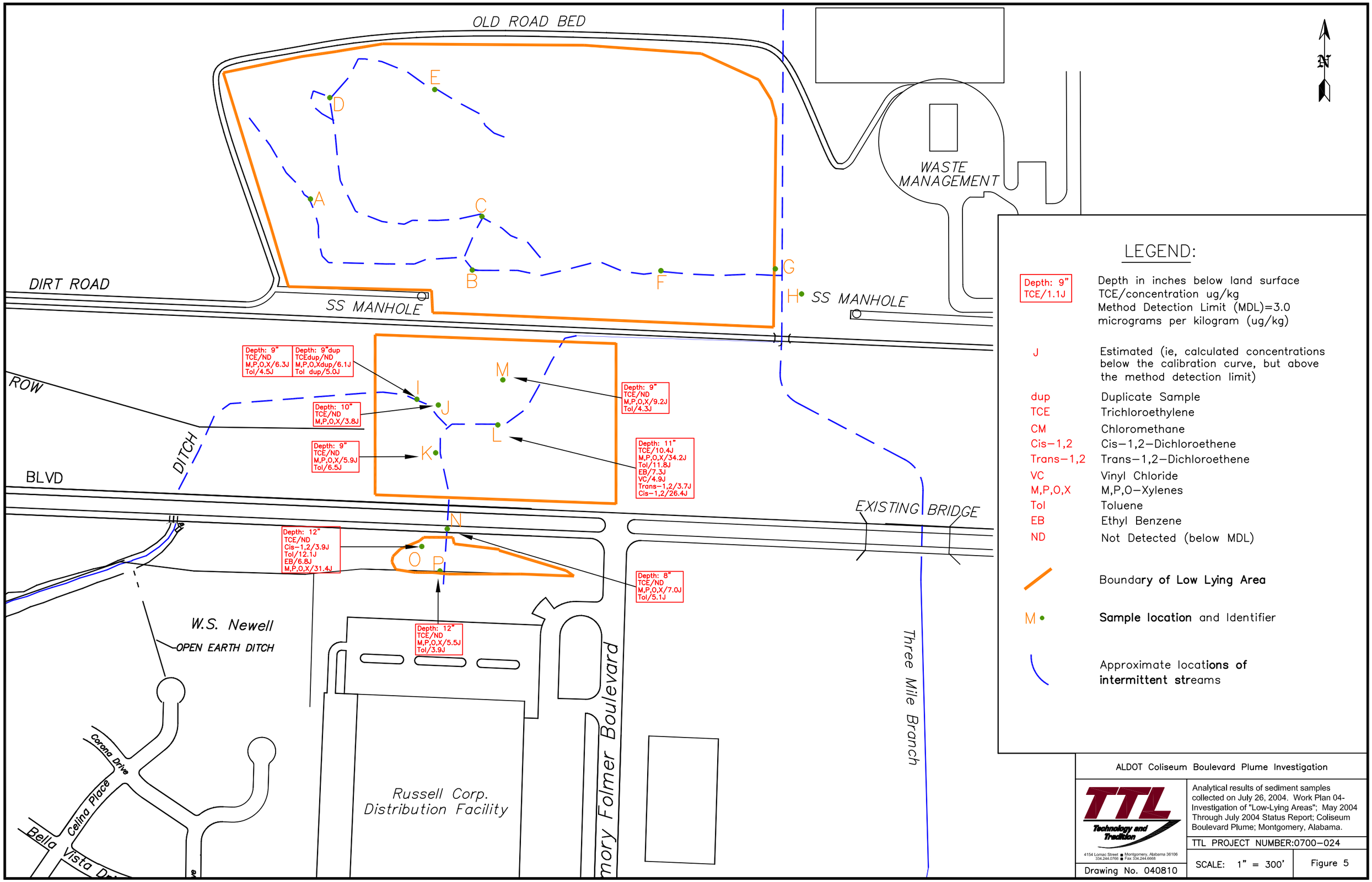
Concentrations of VOCs in ground-water samples from 100-, 200-and 300-series monitoring wells collected on July 6-26, 2004; May 2004 through July 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

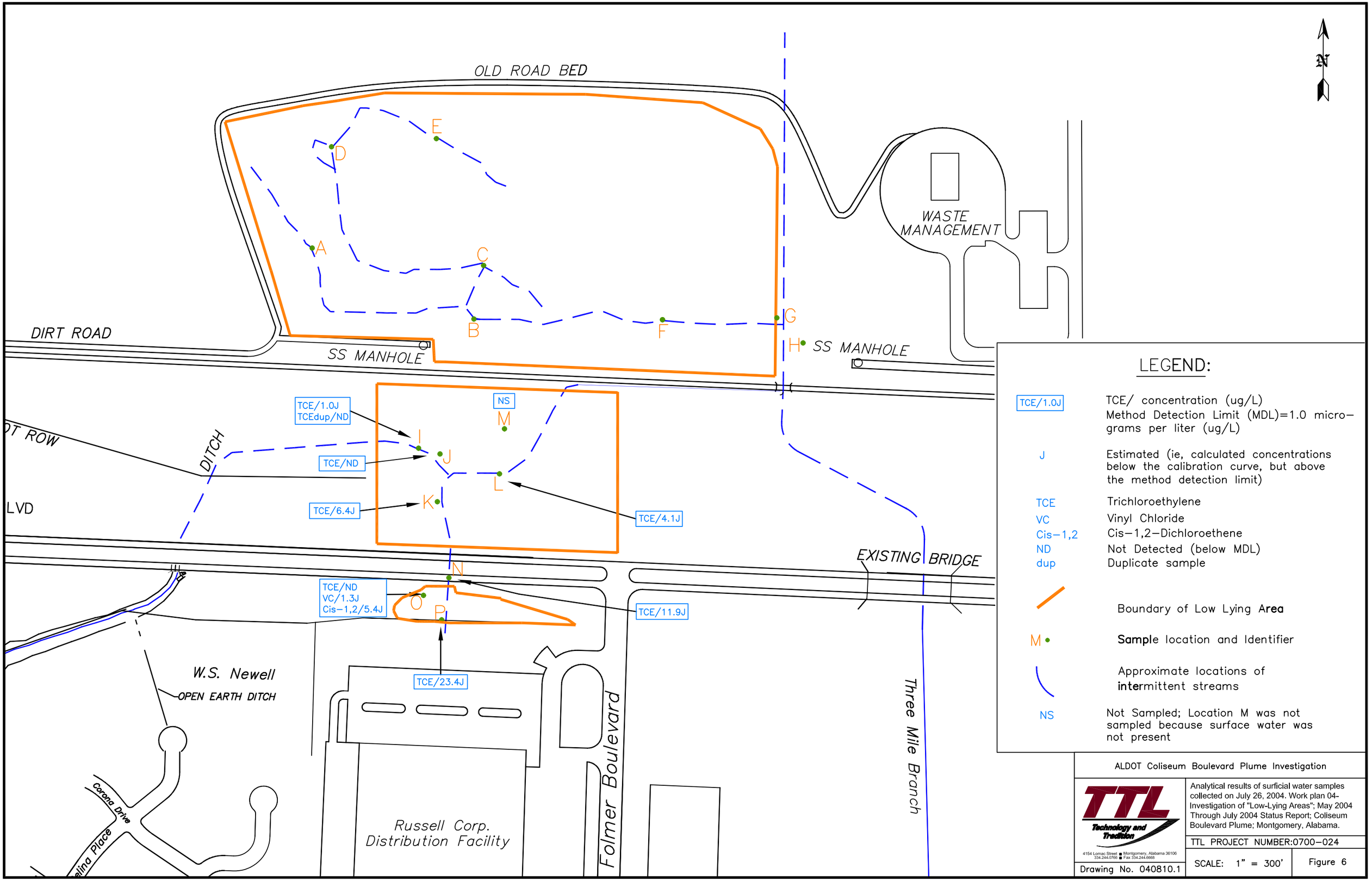
TTL PROJECT NUMBER:0700-024

Drawing No. 040719.1

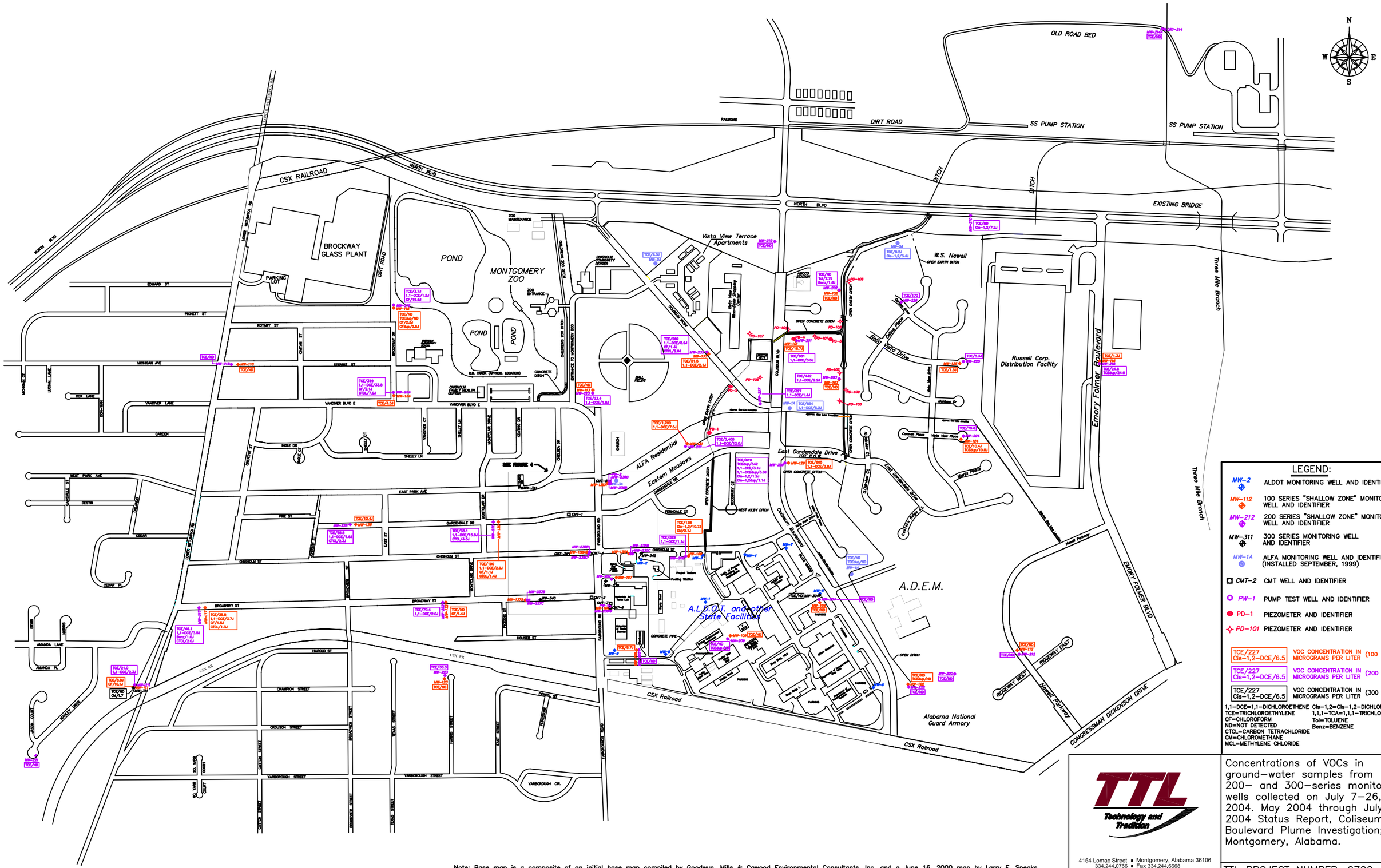
SCALE: 1" = 100'

Figure 4


OLD ROAD BED
WASTE MANAGEMENT
N
A
B
C
D
E
F
G
H
DIRT ROAD
SS MANHOLE
SS MANHOLE
ROW
DITCH
BLVD
I
J
K
L
M
N
O
P
Depth: 9"
TCE/ND
M,P,O,X/6.3J
Tol/4.5J
Depth: 9"dup
TCEdup/ND
M,P,O,Xdup/6.1J
Tol dup/5.0J
Depth: 10"
TCE/ND
M,P,O,X/3.8J
Depth: 9"
TCE/ND
M,P,O,X/5.9J
Tol/6.5J
Depth: 9"
TCE/ND
M,P,O,X/9.2J
Tol/4.3J
Depth: 11"
TCE/10.4J
M,P,O,X/34.2J
Tol/11.8J
EB/7.3J
VC/4.9J
Trans-1,2/3.7J
Cis-1,2/26.4J
Depth: 12"
TCE/ND
Cis-1,2/3.9J
Tol/12.1J
EB/6.8J
M,P,O,X/31.4J
Depth: 8"
TCE/ND
M,P,O,X/7.0J
Tol/5.1J
Depth: 12"
TCE/ND
M,P,O,X/5.5J
Tol/3.9J
EXISTING BRIDGE
W.S. Newell
OPEN EARTH DITCH
Corona Drive
Celina Place
Bella Vista Dr
Russell Corp.
Distribution Facility
mory Folmer Boulevard
Three Mile Branch
LEGEND:
Depth: 9"
TCE/1.1J
Depth in inches below land surface
TCE/concentration ug/kg
Method Detection Limit (MDL)=3.0
micrograms per kilogram (ug/kg)
J
Estimated (ie, calculated concentrations below the calibration curve, but above the method detection limit)
dup
Duplicate Sample
TCE
Trichloroethylene
CM
Chloromethane
Cis-1,2
Cis-1,2-Dichloroethene
Trans-1,2
Trans-1,2-Dichloroethene
VC
Vinyl Chloride
M,P,O,X
M,P,O-Xylenes
Tol
Toluene
EB
Ethyl Benzene
ND
Not Detected (below MDL)
Boundary of Low Lying Area
M
Sample location and Identifier
Approximate locations of intermittent streams
ALDOT Coliseum Boulevard Plume Investigation
TTL
Technology and Tradition
4154 Lomac Street ■ Montgomery, Alabama 36106
334.244.0766 ■ Fax 334.244.6668
Analytical results of sediment samples collected on July 26, 2004. Work Plan 04-Investigation of "Low-Lying Areas"; May 2004 Through July 2004 Status Report; Coliseum Boulevard Plume; Montgomery, Alabama.
TTL PROJECT NUMBER:0700-024
Drawing No. 040810
SCALE: 1" = 300'
Figure 5


OLD ROAD BED
WASTE MANAGEMENT
DIRT ROAD
SS MANHOLE
SS MANHOLE
A
B
C
D
E
F
G
H
TCE/1.0J
TCEdup/ND
NS
M
I
J
L
K
TCE/ND
TCE/6.4J
TCE/4.1J
DITCH
EXISTING BRIDGE
N
TCE/ND
VC/1.3J
Cis-1,2/5.4J
O
P
TCE/11.9J
TCE/23.4J
W.S. Newell
OPEN EARTH DITCH
Corona Drive
Russell Corp.
Distribution Facility
Folmer Boulevard
Three Mile Branch
LEGEND:
TCE/1.0J
TCE/ concentration (ug/L)
Method Detection Limit (MDL)=1.0 micro-grams per liter (ug/L)
J
Estimated (ie, calculated concentrations below the calibration curve, but above the method detection limit)
TCE
Trichloroethylene
VC
Vinyl Chloride
Cis-1,2
Cis-1,2-Dichloroethene
ND
Not Detected (below MDL)
dup
Duplicate sample
Boundary of Low Lying Area
M
Sample location and Identifier
Approximate locations of intermittent streams
NS
Not Sampled; Location M was not sampled because surface water was not present
ALDOT Coliseum Boulevard Plume Investigation
TTL
Technology and Tradition
4154 Lomac Street Montgomery, Alabama 36106
334.244.0766 Fax 334.244.6668
Analytical results of surficial water samples collected on July 26, 2004. Work plan 04-Investigation of "Low-Lying Areas"; May 2004 Through July 2004 Status Report; Coliseum Boulevard Plume; Montgomery, Alabama.
TTL PROJECT NUMBER:0700-024
Drawing No. 040810.1
SCALE: 1" = 300'
Figure 6

PLATE



LEGEND:

MW-2	ALDOT MONITORING WELL AND IDENTIFIER
MW-112	100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-212	200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-311	300 SERIES MONITORING WELL AND IDENTIFIER
MW-1A	ALFA MONITORING WELL AND IDENTIFIER (INSTALLED SEPTEMBER, 1999)
CMT-2	CMT WELL AND IDENTIFIER
PW-1	PUMP TEST WELL AND IDENTIFIER
PD-1	PIEZOMETER AND IDENTIFIER
PD-101	PIEZOMETER AND IDENTIFIER
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER (100 SERIES)
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER (200 SERIES)
TCE/227 Cis-1,2-DCE/6.5	VOC CONCENTRATION IN MICROGRAMS PER LITER (300 SERIES)

1,1-DCE=1,1-DICHLOROETHENE
Cis-1,2=Cis-1,2-DICHLOROETHENE
TCE=TRICHLOROETHYLENE
1,1,1-TCA=1,1,1-TRICHLOROETHANE
CF=CHLOROFORM
Tol=TOLUENE
ND=NOT DETECTED
Benz=BENZENE
CTCL=CARBON TETRACHLORIDE
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.

TTL Technology and Tradition

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Drawing No. 040719JulyConc

Concentrations of VOCs in ground-water samples from 100-, 200- and 300-series monitoring wells collected on July 7-26, 2004. May 2004 through July 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 800' | Plate 1

MAY 2004 through JULY 2004 STATUS REPORT

Volume II of II: Attachments

COLISEUM BOULEVARD PLUME INVESTIGATION

DEPARTMENT OF TRANSPORTATION

September 21, 2004

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

ATTACHMENTS

ANALTYICAL RESULTS

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,FIJ)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-104
TTL Lab Number: 040708051-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,FJ)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-205
TTL Lab Number: 040708051-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,FJ)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-105
TTL Lab Number: 040708051-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	8.7	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,FJ)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-340
TTL Lab Number: 040708051-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-104/105/205/340/Rinse
TTL Lab Number: 040708051-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040708 051

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.7.04
Sampled By: Reggie Robinson Frank Turjevich
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REP
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.7	10:35 AM	MW-104	Aq	X		1	HCl	VOC
	12:10 PM	MW-205						
	1:15 PM	MW-105						
	4:40	MW-340				↓		
	9:30	Bladder Pump Rinse 2 AM				2		
	4:55	Bladder Pump Rinse 2 PM				2		
	—	Blanks for MW-104, 205, 105, 340				3	↓	↓
	10:35 AM	MW-104				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:10 PM	MW-205						
↓	1:15 PM	MW-105	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab
1 [signature] 7.7.04 18:00 hrs
2 [signature] 7-8-04 1:00PM
3

Received by (signed) Date/Time
1 [signature] 7-8-04 8:30AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 7-8-04 330

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Construction Materials Engineering and Testing ■
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Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (GM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-204
TTL Lab Number: 040708052-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (GM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-304
TTL Lab Number: 040708052-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (GM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-339
TTL Lab Number: 040708052-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/MW-204/304/339/Rinse)
TTL Lab Number: 040708052-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040708 053

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/7/04
Sampled By: Greg Meeks Roosevelt L Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: ~~ICE~~ RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/7/04	10:25am	MW-204	Aqueous	X		3	HCl	VOC
	12:10pm	MW-304						
	4:00pm	MW-339						
	9:30am	Pump Rinse 1						
	4:55pm	Pump Rinse 1				2		
	7:00am	Blank / MW 204, MW 304, MW 339				2		
	10:35am	MW-204				3		
	12:10pm	MW 304				1	ICE	Nitrate, Nitrite, Sulfate, Alk, Chlorides
	4:50pm	MW 339						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montgomery Lab 5:16pm 7/7/04 — Received by (signed) Date/Time 7-8-04 8:30AM
1 ____ 7-8-04 1:00PM
3 ____ 3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTC
Received By Lab: ____
Date/Time 7-8-04 3:15

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL

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Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ, RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-341
TTL Lab Number: 040709063-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.2	J
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ, RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-123
TTL Lab Number: 040709063-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-223
TTL Lab Number: 040709063-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	30.3	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-123/223/341/Rinse
TTL Lab Number: 040709063-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·8·04

Sampled By: FRANK JURJEVICH REGGIE ROBINSON

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: GOOD
2. Sealed for Shipping By:
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status (Complete) Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/8	11:55a	MW-341	Aq.	X		3	HCl	VOC
	2:36p	MW-123						
	5:00p	MW-223						
	—	BLANKS/MW-341, 123, 223						
	7:30a	PUMP RINSE 2 AM				2		
	5:30p	PUMP RINSE 2 PM						
	11:55a	MW-341				1	NONE	ALKALINITY, CHLORIDE, SULFATE, NITRITE, NITRATE
	2:36p	MW-123						
	5:00p	MW-223						
	5:00p	MW-223					H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONT. LAB

1. 7/8/04 18:48
2. 7-9-04 10:55AM
3. 7/9/04 2:30

Received by (signed) Date/Time

1. 7-9-04 9:10AM
2. 7/9/04 2:20
3.

SHIPPING DETAILS

Air Bill #: GLI 30197 13598

Method of Shipment: BUS

Received By Lab: Darnell

Date/Time 7-9-04 2:30pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-342
TTL Lab Number: 040709053-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-109
TTL Lab Number: 040709053-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-209
TTL Lab Number: 040709053-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-209 DUP
TTL Lab Number: 040709053.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-132
TTL Lab Number: 040709053-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.4	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/MW-109/132/209/342/Rinse)
TTL Lab Number: 040709053-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Sheet ____ of ____

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/8/04
Sampled By: WGM RLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #** ____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: WGM RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/8/04	12:00pm	MW-342	Aqueous	X		3	HCL	VOC
	12:55	MW-109						
	2:09	MW-209				6		
	4:20	MW-132				3		
	07:00	Rinse Blanks Bladder Pump 1 am				~~4~~ 2		
	17:00	Bladder Pump Rinse 1 pm				2		
	12:00pm	MW-342		X		1	Ice	Nitrite, Nitrate, Sulfate, Alkalinity, Chloride
	12:55pm	MW-109						
	2:09pm	MW-209						
	4:20pm	MW-132						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1. To Montgomery Lab 7/8/04 6:34pm	7-9-04 9:10AM
2. 7-9-04 9:55AM	7/9/04 2:20
3. 7/9/04 2:30	

SHIPPING DETAILS

Air Bill #: GLI 30197 13598
Method of Shipment: BUS
Received By Lab: J. Daniel
Date/Time 7-9-04 2:30pm

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-232
TTL Lab Number: 040712030.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.0	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	70.4	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 9 2004
Date Analyzed: July 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-311
TTL Lab Number: 040712030.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.7	J
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-111
TTL Lab Number: 040712030.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	10.1	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	8.8	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-211
TTL Lab Number: 040712030.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, ug/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.3	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	21.0	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 15, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-111/211/232/311/Rinse)
TTL Lab Number: 040712030.007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK ORDER NUMBER
040712 030

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-9-04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: GWC
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-9	10:31	MW-232	Aq	X		3	HCl	VOC
	12:25	MW-311						
	1:35	MW-111						
	3:25	MW-211						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 1 PM				2		
	—	TRIP Blanks				3		
	10:31	MW-232				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:25	MW-311						
	1:35	MW-111						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	7-12-04 9:18 AM
2 7-12-04 10:00 AM	Kenneth Moody 7/12/04 2240
3 Kenneth Moody 7/12/04 2240	3

SHIPPING DETAILS

Air Bill #: 3 019770369
Method of Shipment: BUS
Received By Lab:
Date/Time 07/20/04 1440

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-217
TTL Lab Number: 040712031.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	3.5	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	2.0	J
Benzene:	1.0	J
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	49.1	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-117
TTL Lab Number: 040712031.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	3.7	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.5	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.3	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	35.8	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-221
TTL Lab Number: 040712031.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
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Construction Materials Engineering and Testing ■
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-117/217/221/Rinse
TTL Lab Number: 040712031.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040712031

Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.9.04
Sampled By: Frank Jurjevich / Reggie Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.9	12:35p	MW-217	Aq	X		3	HCl	VOC
	2:10p	MW-117						
	4:10p	MW-221						
	8:15a	Bladder Pump Rinse 2 AM				2		
	5:09p	Bladder Pump Rinse 2 PM						
		Trip Blanks				3		
	12:55p	MW-217				1	None	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
	2:10p	MW-117						
	4:10p	MW-221						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — TO MONT. LAB
1 7/9/04 1730
2 7-12-04 10:00
3

Received by (signed) Date/Time
1 7-12-04 9:10AM
2
3

SHIPPING DETAILS

Air Bill #: 3019770369
Method of Shipment: BUS
Received By Lab:
Date/Time 07/12/04 14:40

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-218
TTL Lab Number: 040714052-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-115
TTL Lab Number: 040714052-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	2.3	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-115 DUP
TTL Lab Number: 040714052-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	2.5	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-215
TTL Lab Number: 040714052-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.5	J
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	19.6	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	3.7	J
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/MW-115/115 DUP/215/218/Rinse
TTL Lab Number: 040714052-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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WORK ORDER NUMBER
040714 052

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·12·04
Sampled By: Reggie Robinson Roseth Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RRR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·12	10:41	MW-218	Ag	X		3	HCl	VOC
	11:56	MW-115						
	11:56	MW-115 Dup						
	2:11	MW-215						
	7:00	Bladder Pump Rinse 1 am				2		
	17:00	Bladder Pump Rinse 1 pm				2		
	—	TRIP Blank				3		
	10:41	MW-218				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, chloride
	11:56	MW-115						
	11:56	MW-115 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Monty. Lab	Received by (signed) Date/Time
1 7·12·04 17:00hr.	1 7·13·04 18:30
2 7·13·04 18:00hr	2 7·14·4 11:30
3 7-14-4 1200	3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: Bus
Received By Lab:
Date/Time 071404 12:05

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-228
TTL Lab Number: 040714059.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	4.6	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	2.3	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	65.8	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-128
TTL Lab Number: 040714059.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	12.4	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-118
TTL Lab Number: 040714059.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-118/128/228/Rinse
TTL Lab Number: 040714059.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040714 059

Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: AL DOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·12·04
Sampled By: FRANK JURSEVICH Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·12	1025	MW-228	Aq	x		3	HCl	VOC
	1140	MW-128				3		
	1340	MW-118				3		
	0830	Bladder Pump Rinse 2AM				2		
	1400	Bladder Pump Rinse 2PM				2		
	—	Blanks				3		
	1025	MW-228				1	ice	Nitrite, Nitrate, Sulfate, Chloride, and Alkalinity
	1140	MW-128				1		
	1340	MW-118				1		
	1025	MW-228				1	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT LAB 7·12·04 1515
2 7·13·04 19:00
3 7-14-4 1200

Received by (signed) Date/Time
1 7·13·04 18:00
2 7-14-4 11:30
3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 8/14/04 1200

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 15, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-113
TTL Lab Number: 040714050.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 15, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-213
TTL Lab Number: 040714050.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.8	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	23.4	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 15, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-233
TTL Lab Number: 040714050.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	8.9	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.4	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	2.9	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	269	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-5A
TTL Lab Number: 040714050.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	3.4	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	8.2	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-5A/113/213/233/Rinse)
TTL Lab Number: 040714050.007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040714 050

Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·13·04
Sampled By: Reggie Robinson Roseveltt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: GOOD
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·13	10:31	MW-113	Aq	X		3	HCl	VOC
	12:11	MW-213						
	3:01	MW-233						
	4:51	MW-5A						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 1 PM						
	—	TRIP Blanks				3		
	10:31	MW-113				1	Ice	Nitrate, Nitrite, Sulfate Alk. Chloride
	12:11	MW-213						
	3:01	MW-233						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab	Received by (signed) Date/Time
1 7·13·04 18:00	1 7·13·04 18:30
2 7·13·04 19:00	2 7·14·4 11:30
3 7-14-4 12:00	3

SHIPPING DETAILS

Air Bill #: 3049814305
Method of Shipment: BUS
Received By Lab:
Date/Time 071404 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-234
TTL Lab Number: 040714051-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	33.8	
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	2.1	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	7.9	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	319	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-134
TTL Lab Number: 040714051-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	4.5	J
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW--133
TTL Lab Number: 040714051-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	2.1	J
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	51.5	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-2A
TTL Lab Number: 040714051-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	4.0	J
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-2A/133/134/234/Rinse
TTL Lab Number: 040714051-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

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TTL WORK ORDER NUMBER
040714051

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.13.04
Sampled By: FRANK JURJEVICH RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RKP
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.13	1010	MW-234	Aq	X		3	HCl	VOC
	1145	MW-134						
	1325	MW-133						
	1555	MW-2A						
	0910	BLADDER PUMP RINSE 2AM				2		
	1610	BLADDER PUMP RINSE 2PM				2		
	—	BLANKS				3		
	1555	MW-2A				1	H_2SO_4	TOC
	1020	MW-234				1	Ice	Nitrite, Nitrate, Sulfate, Chloride, Alkalinity
	1145	MW-134				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONT. LAB 7.13.04 1752	1 7.13.04 18:30
2 7.13.04 19:00	2 7-14-4 11:30
3 7.14.4 12:00	3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 07/14/04 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

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Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-102
TTL Lab Number: 040715034.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-202
TTL Lab Number: 040715034.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.6	J
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	2.7	J
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-229
TTL Lab Number: 040715034.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	3.1	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.2	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	619	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-229 DUP
TTL Lab Number: 040715034.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	3.0	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.1	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	542	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-129
TTL Lab Number: 040715034.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS. µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.8	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	665	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-102/202/229/229 DUP/Rinse
TTL Lab Number: 040715034.008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040715034

Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.14.04
Sampled By: Frank Jurstevich / Ryan Packer
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-14	1105	MW-102	Aq	X		3	HCl	VOC
	1355	MW-202				3		
	1535	MW-229				3		
	1535	MW-229 Dup.				3		
	1715	MW-129				3		
	0900	Bladder Pump Rinse 2 AM				2		
	1730	Bladder Pump Rinse 2 PM				2		
	—	Blanks				3		
	1105	MW-102				1	ice	Nitrite, Nitrate, Sulfate, Chloride, Alk.
	1355	MW-202				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	1 7-15-04 9:00AM
2 7-15-04 12:50PM	2
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/15/04 1250

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-101
TTL Lab Number: 040715036-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	16.7	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-201
TTL Lab Number: 040715036-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	3.5	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	681	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-203
TTL Lab Number: 040715036-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.2	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	442	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-1A
TTL Lab Number: 040715036-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.0	ND
Vinyl Chloride:	2.0	ND
Chloroethane:	2.0	ND
Trichlorofluoromethane:	2.0	ND
1,1-Dichloroethene:	5.2	J
Methylene Chloride:	2.0	ND
Trans-1,2-Dichloroethene:	2.0	ND
1,1-Dichloroethane:	2.0	ND
Cis-1,2-Dichloroethene:	2.0	ND
Chloroform:	2.0	ND
1,1,1-Trichloroethane:	2.0	ND
Carbon Tetrachloride:	2.0	ND
Benzene:	2.0	ND
1,2-Dichloroethane:	2.0	ND
Trichloroethylene:	854	
1,2-Dichloropropane:	2.0	ND
Bromodichloromethane:	2.0	ND
CIS-1,3-Dichloropropene:	2.0	ND
Toluene:	2.0	ND
Trans-1,3-Dichloropropene:	2.0	ND
1,1,2-Trichloroethane:	2.0	ND
Tetrachloroethylene:	2.0	ND
Dibromochloromethane:	2.0	ND
Chlorobenzene:	2.0	ND
1,1,1,2-Tetrachloroethane:	2.0	ND
Ethylbenzene:	2.0	ND
M,P-Xylenes:	2.0	ND
O-Xylene:	2.0	ND
Bromoform:	2.0	ND
1,1,2,2-Tetrachloroethane:	2.0	ND
1,3-Dichlorobenzene:	2.0	ND
1,4-Dichlorobenzene:	2.0	ND
1,2-Dichlorobenzene:	2.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-1A/101/201/203/Rinse
TTL Lab Number: 040715036-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040715036

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·14·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-14	10:16	MW-101	Aq	X		3	HCl	VOC
	11:11	MW-201						
	12:25	MW-203						
	2:55	MW-1A						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 2 PM						
	—	Trip Blanks				3		
	10:16	MW-101				1	Ice	Nitrite, Nitrate, Sulfate, Alkalinity, Chlorides
	11:11	MW-201						
	12:25	MW-203						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 [signature] 7-14-04 17:00
2 [signature] 7-15-04 12:50PM
3

Received by (signed) Date/Time
1 [signature] 7-15-04 9:00AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 07/15/04 1250

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-103
TTL Lab Number: 040716013.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-4A
TTL Lab Number: 040716013.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-4A DUP
TTL Lab Number: 040716013.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ WM-4A,4A DUP,103,Rinse
TTL Lab Number: 040716013.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040716013

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-15-04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RRR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ___
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-15	12:00	MW-103	Ag	X		3	HCl	VOC
	3:30	MW-4A						
	3:30	MW-4A Dup						
	—	TRIP BLANKS						
	07:00	Bladder Pump Rinse 1 AM				2		
	14:30	Bladder Pump Rinse 1 PM						
	12:00	MW-103				1	Ice	Nitrate, Nitrite, Sulfate, Alk, Chloride
	3:30	MW-4A						
	3:30	MW-4A Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. [signature] 7-15-04
2. [signature] 7-15-04 BUS 1945
3. [signature] 7-16-4 8:45

Received by (signed) Date/Time
1. [signature] 7-15-04
2. [signature] 7-16-4 8:30
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Linda Whaley
Date/Time 7/16/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-3A
TTL Lab Number: 040716014-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	24.3	
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	6.6	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	182	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-236C
TTL Lab Number: 040716014-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS. µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	46.1	
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	11.7	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	172	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-236B
TTL Lab Number: 040716014-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	19.3	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	J
Chloroform:	1.2	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	5.2	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	360	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Environmental Engineering and Consulting ■
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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-136A
TTL Lab Number: 040716014-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.2	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	70.0	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-136A DUP
TTL Lab Number: 040716014-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.3	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	68.3	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-3A/136A/136A DUP/236B/236C/Rinse
TTL Lab Number: 040716014-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040716014

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·15·04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·15	1235	MW-3A	Aq	X		3	HCl	VOC
	1420	MW-236 C						
	1550	MW-236 B						
	1805	MW-136 A						
	1805	MW-136 A. DUP						
	1000	BLADDER PUMP RINSE 2 AM				2		
	1820	BLADDER PUMP RINSE 2 PM				2		
	—	BLANKS				3		
	1235	MW-3A					H_2SO_4	TOC
	1235	MW-3A					ice	NITRITE, NITRATE, SULFATE, CHLORIDES, ALKALINITY

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONTLAB
1 7·15·04 1905
2 7·15·04 BUS 1945
3 7-16-4 8:45

Received by (signed) Date/Time
1 7·15·04 19:30
2 7-16-4 8:30
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Linda Walker
Date/Time 7/14/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-231
TTL Lab Number: 040719022-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	5.0	ND
Vinyl Chloride:	5.0	ND
Chloroethane:	5.0	ND
Trichlorofluoromethane:	5.0	ND
1,1-Dichloroethene:	12.0	J
Methylene Chloride:	5.0	ND
Trans-1,2-Dichloroethene:	5.0	ND
1,1-Dichloroethane:	5.0	ND
Cis-1,2-Dichloroethene:	5.0	ND
Chloroform:	5.0	ND
1,1,1-Trichloroethane:	5.0	ND
Carbon Tetrachloride:	5.0	ND
Benzene:	5.0	ND
1,2-Dichloroethane:	5.0	ND
Trichloroethylene:	3400	
1,2-Dichloropropane:	5.0	ND
Bromodichloromethane:	5.0	ND
CIS-1;3-Dichloropropene:	5.0	ND
Toluene:	5.0	ND
Trans-1,3-Dichloropropene:	5.0	ND
1,1,2-Trichloroethane:	5.0	ND
Tetrachloroethylene:	5.0	ND
Dibromochloromethane:	5.0	ND
Chlorobenzene:	5.0	ND
1,1,1,2-Tetrachloroethane:	5.0	ND
Ethylbenzene:	5.0	ND
M,P-Xylenes:	5.0	ND
O-Xylene:	5.0	ND
Bromoform:	5.0	ND
1,1,2,2-Tetrachloroethane:	5.0	ND
1,3-Dichlorobenzene:	5.0	ND
1,4-Dichlorobenzene:	5.0	ND
1,2-Dichlorobenzene:	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

Technology and Tradition

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-131
TTL Lab Number: 040719022-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	5.0	ND
Vinyl Chloride	5.0	ND
Chloroethane	5.0	ND
Trichlorofluoromethane	5.0	ND
1,1-Dichloroethene	7.5	J
Methylene Chloride	5.0	ND
Trans-1,2-Dichloroethene	5.0	ND
1,1-Dichloroethane	5.0	ND
Cis-1,2-Dichloroethene	5.0	ND
Chloroform	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Carbon Tetrachloride	5.0	ND
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	1700	
1,2-Dichloropropane	5.0	ND
Bromodichloromethane	5.0	ND
Cis-1,3-Dichloropropene	5.0	ND
Toluene	5.0	ND
Trans-1,3-Dichloropropene	5.0	ND
1,1,2-Trichloroethane	5.0	ND
Tetrachloroethylene	5.0	ND
Dibromochloromethane	5.0	ND
Chlorobenzene	5.0	ND
1,1,1,2-Tetrachloroethane	5.0	ND
Ethyl Benzene	5.0	ND
M,P-Xylenes	5.0	ND
O-Xylene	5.0	ND
Bromoform	5.0	ND
1,1,2,2-Tetrachloroethane	5.0	ND
1,3-Dichlorobenzene	5.0	ND
1,4-Dichlorobenzene	5.0	ND
1,2-Dichlorobenzene	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-112
TTL Lab Number: 040719022-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-112/131/231/Rinse(Bladder Pump 2)
TTL Lab Number: C40719022-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TT. ORK
ORDER NUMBER
040719022

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-16-04
Sampled By: Frank Jurgensen Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-16	1200	MW-231	Aq	X		3	HCl	VOC
	1416	MW-131						
	1550	MW-112						
	0930	Burner Pump Rinse 2 AM				2		
	1615	Burner Pump Rinse 2 PM				2		
	—	Blanks				3		
	1200	MW-231				1	H_2SO_4	TOC
	1416	MW-131						
	1200	MW-231					ice	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity
	1416	MW-131						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [signature] TO MONTLAB 7-16-04 1724 — [signature] 7-19-04 9:15AM
2. [signature] 7-19-04 9:50AM — Lindsey Brown 7-19-04 1525
3. Lindsey Brown 7-19-04 1575 — 3

SHIPPING DETAILS

Air Bill #: 801993618
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 071904 1575

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-122
TTL Lab Number: 040719023-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16,2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-122 DUP
TTL Lab Number: 040719023-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-222
TTL Lab Number: 040719023-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-122/122 Dup/222/Rinse(Bladder Pump 1)
TTL Lab Number: 040719023-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040719023

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·16·04
Sampled By: Reggie Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
7·16	1:00	MW-122	Ag	X		3	HCl	VOC
	3:10	MW-222						
	07:00	Bladder Pump Rinse 1 Am				2		
	3:50	Bladder Pump Rinse 1 pm				2		
	1:00	MW-122 Dup				3		
	—	Trip Blanks						
	1:00	MW-122				1	Ice	Nitrate, Nitrite Sulfate, Alkalinity, Chloride
	3:10	MW-222						
	1:00	MW-122 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [illegible] 7-16-04 17:30 — [illegible] 7-19-04 9:15AM
2. [illegible] 7-19-04 9:50AM — Lindsey Brown 7-19-04 | 1505
3. Lindsey Brown 7-19-04 | 1515 — 3.

SHIPPING DETAILS

Air Bill #: 3019931618
Method of Shipment: B45
Received By Lab: [illegible]
Date/Time 07/19/04 1515

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-220
TTL Lab Number: 040720017-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-214A
TTL Lab Number: 040720017-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-216
TTL Lab Number: 040720017-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	24.6	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-216 Dup
TTL Lab Number: 040720017-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	24.6	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-116
TTL Lab Number: 040720017-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.3	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-214A/216/216 Dup/220/Rinse(Bladder Pump 1)
TTL Lab Number: 040720017-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040720 017

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·19·04
Sampled By: Reggie Robinson Roseveltt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·19	11:50	MW-220	Aq	X		3	HCl	VOC
	1:35	MW-214A						
	3:40	MW-216						
	3:40	MW-216 Dup						
	6:15	MW-116						
	—	Blanks For MW-220, 214A, 216, 116						
	07:30	Bladder Pump Rinse 1 AM				2		
	18:30	Bladder Pump Rinse 1 PM				2		
	11:50	MW-220				1	Ice	Nitrate, Nitrite, Alkalinity Chloride, Sulfate
	1:35	MW-214A						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mondy Lab
1 7·19·04 19:30
2 7/20/04 4:00 pm
3

Received by (signed) Date/Time
1 7/20/04 2:00 pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 07/20/04 1600

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-212
TTL Lab Number: 040720018-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-219
TTL Lab Number: 040720018-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS. µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
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Technology and Tradition

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-212/219/Rinse(Bladder Pump 2)
TTL Lab Number: 040720018-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK ORDER NUMBER
040720 018

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·19·04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·19	1145	MW-212	Aq	X		3	HCL	VOC
	1420	MW-219				3		
IJ	~~1535~~	~~MW-210~~				~~3~~		
	0900	BLADDER PUMP RINSE 2 AM				2		
	1620	BLADDER PUMP RINSE 2 PM				2		
	—	BLANKS				3		
	1145	MW-212				1	ice	NITRITE, NITRATE, SULFATES, CHLORIDES and ALKALINITY
	1420	MW-219				1		
IJ	~~1535~~	~~MW-210~~				~~1~~		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. TO MONT LAB 7·19·04 1718
2. 7/20/04 4:00 pm
3.

Received by (signed) Date/Time
1. 7/20/04 2:00 pm
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab
Date/Time 07/20/04 1600

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-210
TTL Lab Number: 040721033-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	7.2	J
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 25, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-124
TTL Lab Number: 040721033-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	10.4	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 25, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-224
TTL Lab Number: 040721033-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	75.6	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 25, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-124 Dup
TTL Lab Number: 040721033-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	10.8	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-124/124 Dup/210/224/Rinse(Bladder Pump 2)
TTL Lab Number: 040721033-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040721 033

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·20·04
Sampled By: FRANK JURJEVICH / RYAN PACKEL
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·20	1145	MW-210	Aq.	X		3	HCl	VOC
	1335	MW-124				3		
	1615	MW-224				3		
	1335	MW-124 Dup.				3		
	0810	BLADDER PUMP RINSE 2 AM				2		
	1630	BLADDER PUMP RINSE 2 PM				2		
	—	BLANKS				3		
	1145	MW-210				1	ice	NITRITE, NITRATE, SULFATE, CHLORIDES, ALKALINITY
	1335	MW-124				1		
	1615	MW-224				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONTLAB 7·20·04 1730	1 7-21-04 9:10
2 TO BUS 7·20·04 1820	2
3 7-21-04 9:20	3

SHIPPING DETAILS

Air Bill #: 3019974221
Method of Shipment: BUS
Received By Lab:
Date/Time 072104 0920

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions ...

TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-125
TTL Lab Number: 040721032-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.5	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
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Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-125/Rinse(Bladder Pump 1)
TTL Lab Number: 040721032-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040721 032

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·20·04
Sampled By: Reggie Robinson Roseveltt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: GOOD
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7:20	2:15	MW-125	Ag	X		3	HCl	VOC
	—	Blanks						
	07:30	Bladder Pump Rinse 1AM				2		
	17:00	Bladder Pump Rinse 1pm				2		
	2:15	MW-125				1	Ice	Nitrate Nitrite Sulfate, Alk. Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1. 7-20-04 14:30
2. TO BUS 7-20-04 1820
3. 7-21-04 9:20

Received by (signed) Date/Time
1. 7-21-04 9:10
2.
3.

SHIPPING DETAILS

Air Bill #: 3019974221
Method of Shipment: BUS
Received By Lab:
Date/Time 072104 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-225
TTL Lab Number: 040722028-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	5.3	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-230
TTL Lab Number: 040722028-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	15.6	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	4.3	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	33.1	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-130
TTL Lab Number: 040722028-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.9	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.1	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.4	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	100	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-130/225/230/Rinse(Bladder Pump 1)
TTL Lab Number: 040722028-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040722 028

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·21·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·21	11:30 AM	MW-225	Aq	X		3	HCl	VOC
	1:50	MW-230						
	4:25	MW-130						
	07:00	Bladder Pump Rinse 1 AM				2		
	12:00	Bladder Pump Rinse 1 PM				2		
	—	Blanks For MW-225, 230, 130				3		
	11:30	MW-225				1	Ice	Nitrate, Nitrite, Sulfate, Alk, Chloride
	1:50	MW-230						
	4:25	MW-130						
	11:30	MW-225				1	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature] To Montg. Lab	7·21·04 17:30	[signature]	7-22-04 9:30AM
2 [signature]	7-22-04 1:15PM		
3		3	

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-226
TTL Lab Number: 040722029-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	170	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

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Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-227
TTL Lab Number: 040722029-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.4	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	327	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-208
TTL Lab Number: 040722029-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.1	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	329	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-108
TTL Lab Number: 040722029-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.1	J
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	10.7	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	138	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-108/208/226/227/Rinse(Bladder Pump 2)
TTL Lab Number: 040722029-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040722029

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: KIDADA DIXON
Mailing Address: 4154 LOMAC STREET
City, State, Zip: MONTGOMERY, AL 36106
Phone No.: 334-244-0766
Date: 7-21-04
Sampled By: FRANK JURJEVICH / RYAN PACKER
Sample Site: COLISEUM BOULEVARD PLUME INVESTIGATION
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: FAM
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-21	1135	MW-226	Aq	X		3	HCl	VOC
	1355	MW-227						
	1545	MW-208						
	1625	MW-108						
	—	BLANKS						
	0830	BLADDER PUMP RINSE 2 AM				2		
	1640	BLADDER PUMP RINSE 2 PM				2		
	1625	MW-108				1	Nitric Ac	Fe
	1135	MW-226				1	ice	NITRITE, NITRATE, SULFATES, CHLORIDES, ALKALINITY
	1355	MW-227				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONTLAB 7-21-04 1745
2 7-22-04 1:15PM
3

Received by (signed) Date/Time
1 7-22-04 9:30AM
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

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Technology and Tradition

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-206
TTL Lab Number: 040723038-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-106
TTL Lab Number: 040723038-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	5.2	J
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	7.9	J
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	4.7	J
Chloroform:	2.5	ND
1,1,1-Trichloroethane:	4.9	J
Carbon Tetrachloride:	6.5	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	830	
1,2-Dichloropropane:	2.5	ND
Bromodichloromethane:	2.5	ND
CIS-1,3-Dichloropropene:	2.5	ND
Toluene:	2.5	ND
Trans-1,3-Dichloropropene:	2.5	ND
1,1,2-Trichloroethane:	2.5	ND
Tetrachloroethylene:	2.5	ND
Dibromochloromethane:	2.5	ND
Chlorobenzene:	2.5	ND
1,1,1,2-Tetrachloroethane:	2.5	ND
Ethylbenzene:	2.5	ND
M,P-Xylenes:	2.5	ND
O-Xylene:	2.5	ND
Bromoform:	2.5	ND
1,1,2,2-Tetrachloroethane:	2.5	ND
1,3-Dichlorobenzene:	2.5	ND
1,4-Dichlorobenzene:	2.5	ND
1,2-Dichlorobenzene:	2.5	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-106 DUP
TTL Lab Number: 040723038-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.7	J
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	8.0	J
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	4.7	J
Chloroform:	2.5	J
1,1,1-Trichloroethane:	5.1	J
Carbon Tetrachloride:	7.4	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	824	
1,2-Dichloropropane:	2.5	ND
Bromodichloromethane:	2.5	ND
CIS-1,3-Dichloropropene:	2.5	ND
Toluene:	2.5	ND
Trans-1,3-Dichloropropene:	2.5	ND
1,1,2-Trichloroethane:	2.5	ND
Tetrachloroethylene:	2.5	ND
Dibromochloromethane:	2.5	ND
Chlorobenzene:	2.5	ND
1,1,1,2-Tetrachloroethane:	2.5	ND
Ethylbenzene:	2.5	ND
M,P-Xylenes:	2.5	ND
O-Xylene:	2.5	ND
Bromoform:	2.5	ND
1,1,2,2-Tetrachloroethane:	2.5	ND
1,3-Dichlorobenzene:	2.5	ND
1,4-Dichlorobenzene:	2.5	ND
1,2-Dichlorobenzene:	2.5	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-135A
TTL Lab Number: C40723038-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	11.9	J
Vinyl Chloride	5.0	ND
Chloroethane	5.0	ND
Trichlorofluoromethane	5.0	ND
1,1-Dichloroethene	22.9	J
Methylene Chloride	5.0	ND
Trans-1,2-Dichloroethene	5.0	ND
1,1-Dichloroethane	5.0	ND
Cis-1,2-Dichloroethene	9.1	J
Chloroform	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Carbon Tetrachloride	15.0	J
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	3150	
1,2-Dichloropropane	5.0	ND
Bromodichloromethane	5.0	ND
Cis-1,3-Dichloropropene	5.0	ND
Toluene	5.0	ND
Trans-1,3-Dichloropropene	5.0	ND
1,1,2-Trichloroethane	5.0	ND
Tetrachloroethylene	5.0	ND
Dibromochloromethane	5.0	ND
Chlorobenzene	5.0	ND
1,1,1,2-Tetrachloroethane	5.0	ND
Ethyl Benzene	5.0	ND
M,P-Xylenes	5.0	ND
O-Xylene	5.0	ND
Bromoform	5.0	ND
1,1,2,2-Tetrachloroethane	5.0	ND
1,3-Dichlorobenzene	5.0	ND
1,4-Dichlorobenzene	5.0	ND
1,2-Dichlorobenzene	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-106/106 DUP/135A/206/Rinse(Bladder Pump 1)
TTL Lab Number: 040723038-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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ORDER NUMBER
040723 038

TTL
Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·22·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·22	12:10 PM	MW-206	Ag	X		3	HCl	VOC
	1:40 PM	MW-106						
	1:40 PM	MW-106 Duplicates						
	3:40 PM	RER MW-137A 135A						
	—	Blanks						
	07:30	Bladder Pump Rinse 1 AM				2		
	16:30	Bladder Pump Rinse 1 PM				2		
	12:10	MW-206				1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride
	1:40	MW-106						
	1:40	MW-106 Duplicates						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature] To Montg. Lab	7·22·04 17:00	1 Ryan Nader	7/23/04 8:36
2 Ryan Nader	7/23/04 8:36	2 Brian Bonnell	7/23/04 15:20
3 Brian Bonnell	7/23/04 15:35	3	

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: [illegible]
Received By Lab: [signature]
Date/Time 072304 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-207
TTL Lab Number: 040723041-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	7.0	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.3	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	3.0	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	313	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-107
TTL Lab Number: 040723041-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	107	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-137A
TTL Lab Number: 040723041-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	5.9	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.1	J
Chloroform:	1.4	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	4.6	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	651	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-107/137A/207/Rinse(Bladder Pump 2)
TTL Lab Number: 040723041-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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ITL WORK
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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·22·04
Sampled By: Frank Jurcevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
7-22	1100	MW-207	Aq	X		3	HCl	VOC
	1230	MW-107						
	1425	MW-137A						
	~~—~~	~~MW-237B~~						
	—	BLANKS						
	0800	BLADDER PUMP RINSE 2 AM				2		
	1435	BLADDER PUMP RINSE 2 PM				2		
	1100	MW-207				1	H_2SO_4	TOC
	1230	MW-107				1	H_2SO_4	TOC
	1100	MW-207				1	ice	NITRATE, NITRITE, SULFATES, CHLORIDES, ALKALINITY.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. TO MONTEVALLO 7-22-04 1700
2. Ryan Parker 7/23/04 8:36
3. Brian Boswell 7/23/04 15:35

Received by (signed) Date/Time
1. Ryan Parker 7/23/04 8:36
2. Brian Boswell 7/23/04 15:20
3.

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: FedEx
Received By Lab:
Date/Time 07/23/04 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-235B
TTL Lab Number: 040727004-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	10.0	ND
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	41.6	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	11.6	J
Chloroform:	10.0	ND
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	29.9	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	3780	
1,2-Dichloropropane:	10.0	ND
Bromodichloromethane:	10.0	ND
CIS-1,3-Dichloropropene:	10.0	ND
Toluene:	10.0	ND
Trans-1,3-Dichloropropene:	10.0	ND
1,1,2-Trichloroethane:	10.0	ND
Tetrachloroethylene:	10.0	ND
Dibromochloromethane:	10.0	ND
Chlorobenzene:	10.0	ND
1,1,1,2-Tetrachloroethane:	10.0	ND
Ethylbenzene:	10.0	ND
M,P-Xylenes:	10.0	ND
O-Xylene:	10.0	ND
Bromoform:	10.0	ND
1,1,2,2-Tetrachloroethane:	10.0	ND
1,3-Dichlorobenzene:	10.0	ND
1,4-Dichlorobenzene:	10.0	ND
1,2-Dichlorobenzene:	10.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-235C
TTL Lab Number: 040727004-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.5	ND
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	67.9	
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	2.5	ND
Chloroform:	4.1	J
1,1,1-Trichloroethane:	2.5	ND
Carbon Tetrachloride:	25.2	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1060	
1,2-Dichloropropane:	2.5	ND
Bromodichloromethane:	2.5	ND
CIS-1,3-Dichloropropene:	2.5	ND
Toluene:	2.5	ND
Trans-1,3-Dichloropropene:	2.5	ND
1,1,2-Trichloroethane:	2.5	ND
Tetrachloroethylene:	2.5	ND
Dibromochloromethane:	2.5	ND
Chlorobenzene:	2.5	ND
1,1,1,2-Tetrachloroethane:	2.5	ND
Ethylbenzene:	2.5	ND
M,P-Xylenes:	2.5	ND
O-Xylene:	2.5	ND
Bromoform:	2.5	ND
1,1,2,2-Tetrachloroethane:	2.5	ND
1,3-Dichlorobenzene:	2.5	ND
1,4-Dichlorobenzene:	2.5	ND
1,2-Dichlorobenzene:	2.5	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2003
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-235B/235C/Rinse(Bladder Pump 1)
TTL Lab Number: 040727004-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/23/04
Sampled By: Roosevelt Robinson Reginald Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Ice
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/23/04	10:30 am	NW-235 B	Ag	X		3	HCl	VOC
	12:05	NW-235 C				✓		
	0700	Bladder Pump Rinse 1am				2		
	15:00	Bladder Pump Rinse 1pm				2		
	—	Blanks				3		
	10:30 AM	NW-235 B				1	ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinit.
✓	12:05	NW-235 C				1	ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinit

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 7-23-04 15:30
2 TO BUS 7-26-04 1740
3 7-27-4 0900

Received by (signed) Date/Time
1 7-26-04 1710
2 7-27-4 0850
3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen Bentz
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-237B
TTL Lab Number: 040727005-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	5.0	ND
Vinyl Chloride	5.0	ND
Chloroethane	5.0	ND
Trichlorofluoromethane	5.0	ND
1,1-Dichloroethene	19.6	J
Methylene Chloride	5.0	ND
Trans-1,2-Dichloroethene	5.0	ND
1,1-Dichloroethane	5.0	ND
Cis-1,2-Dichloroethene	5.0	ND
Chloroform	5.0	ND
1,1,1-Trichloroethane	5.0	ND
Carbon Tetrachloride	14.5	J
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	1590	
1,2-Dichloropropane	5.0	ND
Bromodichloromethane	5.0	ND
Cis-1,3-Dichloropropene	5.0	ND
Toluene	5.0	ND
Trans-1,3-Dichloropropene	5.0	ND
1,1,2-Trichloroethane	5.0	ND
Tetrachloroethylene	5.0	ND
Dibromochloromethane	5.0	ND
Chlorobenzene	5.0	ND
1,1,1,2-Tetrachloroethane	5.0	ND
Ethyl Benzene	5.0	ND
M,P-Xylenes	5.0	ND
O-Xylene	5.0	ND
Bromoform	5.0	ND
1,1,2,2-Tetrachloroethane	5.0	ND
1,3-Dichlorobenzene	5.0	ND
1,4-Dichlorobenzene	5.0	ND
1,2-Dichlorobenzene	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-237C
TTL Lab Number: 040727005-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, ug/L	FLAG*
Chloromethane	2.0	ND
Vinyl Chloride	2.0	ND
Chloroethane	2.0	ND
Trichlorofluoromethane	2.0	ND
1,1-Dichloroethene	55.1	
Methylene Chloride	2.0	ND
Trans-1,2-Dichloroethene	2.0	ND
1,1-Dichloroethane	2.0	ND
Cis-1,2-Dichloroethene	3.2	J
Chloroform	2.3	J
1,1,1-Trichloroethane	2.0	ND
Carbon Tetrachloride	19.8	J
Benzene	2.0	ND
1,2-Dichloroethane	2.0	ND
Trichloroethylene	1570	
1,2-Dichloropropane	2.0	ND
Bromodichloromethane	2.0	ND
Cis-1,3-Dichloropropene	2.0	ND
Toluene	2.0	ND
Trans-1,3-Dichloropropene	2.0	ND
1,1,2-Trichloroethane	2.0	ND
Tetrachloroethylene	2.0	ND
Dibromochloromethane	2.0	ND
Chlorobenzene	2.0	ND
1,1,1,2-Tetrachloroethane	2.0	ND
Ethyl Benzene	2.0	ND
M,P-Xylenes	2.0	ND
O-Xylene	2.0	ND
Bromoform	2.0	ND
1,1,2,2-Tetrachloroethane	2.0	ND
1,3-Dichlorobenzene	2.0	ND
1,4-Dichlorobenzene	2.0	ND
1,2-Dichlorobenzene	2.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-237B/237C/Rinse(Bladder Pump 2)
TTL Lab Number: 040727005-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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L WORK
ORDER NUMBER
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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·23·04
Sampled By: Frank Jurevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·23	1405	MW-237B	Aq	X		3	HCl	VOC
	1535	MW-237C						
	—	Blanks						
	1415	Bladder Pump Rinse 2AM				2		
	1600	Bladder Pump Rinse 2PM				2		
	1405	MW-237B				1	ice	Nitrite, Nitrate, Sulfate, Chloride, Alkalinity
	1535	MW-237C				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] TO MONTLAB 7·23·04 1630	1 [signature] 7·26·04 1710
2 [signature] TO BUS 7·23·04 1740	2 Sam Peale 7·27·4 / 0850
3 Sam Peale 7-27-4 / 0900	3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: Bus
Received By Lab: Carmen Burton
Date/Time 073104 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Technology and Tradition

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-1
TTL Lab Number: 040727003-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	2.0	ND
Vinyl Chloride	2.0	ND
Chloroethane	2.0	ND
Trichlorofluoromethane	2.0	ND
1,1-Dichloroethene	93.8	
Methylene Chloride	2.0	ND
Trans-1,2-Dichloroethene	2.0	ND
1,1-Dichloroethane	2.0	ND
Cis-1,2-Dichloroethene	715	
Chloroform	5.9	J
1,1,1-Trichloroethane	2.0	ND
Carbon Tetrachloride	13.5	J
Benzene	2.0	ND
1,2-Dichloroethane	2.0	ND
Trichloroethylene	942	
1,2-Dichloropropane	2.0	ND
Bromodichloromethane	2.0	ND
Cis-1,3-Dichloropropene	2.0	ND
Toluene	2.0	ND
Trans-1,3-Dichloropropene	2.0	ND
1,1,2-Trichloroethane	2.0	ND
Tetrachloroethylene	2.0	ND
Dibromochloromethane	2.0	ND
Chlorobenzene	2.0	ND
1,1,1,2-Tetrachloroethane	2.0	ND
Ethyl Benzene	2.0	ND
M,P-Xylenes	2.0	ND
O-Xylene	2.0	ND
Bromoform	2.0	ND
1,1,2,2-Tetrachloroethane	2.0	ND
1,3-Dichlorobenzene	2.0	ND
1,4-Dichlorobenzene	2.0	ND
1,2-Dichlorobenzene	2.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-2
TTL Lab Number: 040727003-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	7.8	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	117	
Chloroform:	1.0	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	170	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-3
TTL Lab Number: 040727003-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	2.3	J
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	60.3	
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	37.7	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT-1-1/2/3
TTL Lab Number: 040727003-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TI /ORK
ORDER NUMBER
040727003

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·26·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: JND
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·26	3:34	CMT 1-1	Ag	X		3	HCl	VOC
	3:10	CMT 1-2						
	2:53	CMT 1-3						
	—	Blank For CMT 1-1, 1-2, 1-3						
	3:34	CMT - 1-1				1	Ice	Nitrate Nitrite, sulfate, Alkalinity, Chloride
	3:10	CMT 1-2						
	2:53	CMT 1-3						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 7·26·04 18:00	1 7·26·04 1710
2 TOBUS 7·26·04 1740	2 7·27·4/0850
3 7·27·4/0900	3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carma Burts
Date/Time 07/27/04 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-138A
TTL Lab Number: 040727006-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	5.0	ND
Vinyl Chloride:	5.0	ND
Chloroethane:	5.0	ND
Trichlorofluoromethane:	5.0	ND
1,1-Dichloroethene:	34.7	J
Methylene Chloride:	5.0	ND
Trans-1,2-Dichloroethene:	5.0	ND
1,1-Dichloroethane:	5.0	ND
Cis-1,2-Dichloroethene:	5.0	ND
Chloroform:	5.0	ND
1,1,1-Trichloroethane:	5.0	ND
Carbon Tetrachloride:	15.7	J
Benzene:	5.0	ND
1,2-Dichloroethane:	5.0	ND
Trichloroethylene:	2250	
1,2-Dichloropropane:	5.0	ND
Bromodichloromethane:	5.0	ND
CIS-1,3-Dichloropropene:	5.0	ND
Toluene:	5.0	ND
Trans-1,3-Dichloropropene:	5.0	ND
1,1,2-Trichloroethane:	5.0	ND
Tetrachloroethylene:	5.0	ND
Dibromochloromethane:	5.0	ND
Chlorobenzene:	5.0	ND
1,1,1,2-Tetrachloroethane:	5.0	ND
Ethylbenzene:	5.0	ND
M,P-Xylenes:	5.0	ND
O-Xylene:	5.0	ND
Bromoform:	5.0	ND
1,1,2,2-Tetrachloroethane:	5.0	ND
1,3-Dichlorobenzene:	5.0	ND
1,4-Dichlorobenzene:	5.0	ND
1,2-Dichlorobenzene:	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-238C
TTL Lab Number: 040727006-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	25.0	ND
Vinyl Chloride:	25.0	ND
Chloroethane:	25.0	ND
Trichlorofluoromethane:	25.0	ND
1,1-Dichloroethene:	913	
Methylene Chloride:	25.0	ND
Trans-1,2-Dichloroethene:	25.0	ND
1,1-Dichloroethane:	25.0	ND
Cis-1,2-Dichloroethene:	25.0	ND
Chloroform:	25.0	ND
1,1,1-Trichloroethane:	25.0	ND
Carbon Tetrachloride:	314	J
Benzene:	25.0	ND
1,2-Dichloroethane:	25.0	ND
Trichloroethylene:	15800	
1,2-Dichloropropane:	25.0	ND
Bromodichloromethane:	25.0	ND
CIS-1,3-Dichloropropene:	25.0	ND
Toluene:	25.0	ND
Trans-1,3-Dichloropropene:	25.0	ND
1,1,2-Trichloroethane:	25.0	ND
Tetrachloroethylene:	25.0	ND
Dibromochloromethane:	25.0	ND
Chlorobenzene:	25.0	ND
1,1,1,2-Tetrachloroethane:	25.0	ND
Ethylbenzene:	25.0	ND
M,P-Xylenes:	25.0	ND
O-Xylene:	25.0	ND
Bromoform:	25.0	ND
1,1,2,2-Tetrachloroethane:	25.0	ND
1,3-Dichlorobenzene:	25.0	ND
1,4-Dichlorobenzene:	25.0	ND
1,2-Dichlorobenzene:	25.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-138A/238C/Rinse(Bladder Pump 2)
TTL Lab Number: 040727006-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040727 006

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.26.04
Sampled By: Frank Jurjevich / Ryan Pallel
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.26	1310	MW-138A	Aq.	X		3	HCL	VOC
	1145	MW-238C				3		
	—	BLANKS				3		
	0830	Bladder Pump Rinse 2 AM				3		
		~~Bladder Pump Rinse 2 PM~~						
	1310	MW-138A				1	ice	Nitrate, Nitrites, Sulfates, Chlorides, Alkalinity.
	1145	MW-238C				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 7.26.04 1640 TO MONTGOMERY	1 7.26.04 1710
2 7.26.04 1740 TO BUS	2 7.27.4/0850
3 7-27-4/0900	3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen Butler
Date/Time 072784 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-238B
TTL Lab Number: 040729039-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	27.6	J
Vinyl Chloride:	20.0	ND
Chloroethane:	20.0	ND
Trichlorofluoromethane:	20.0	ND
1,1-Dichloroethene:	704	
Methylene Chloride:	20.0	ND
Trans-1,2-Dichloroethene:	20.0	ND
1,1-Dichloroethane:	20.0	ND
Cis-1,2-Dichloroethene:	20.0	ND
Chloroform:	20.0	ND
1,1,1-Trichloroethane:	20.0	ND
Carbon Tetrachloride:	245	J
Benzene:	20.0	ND
1,2-Dichloroethane:	20.0	ND
Trichloroethylene:	12300	
1,2-Dichloropropane:	20.0	ND
Bromodichloromethane:	20.0	ND
CIS-1,3-Dichloropropene:	20.0	ND
Toluene:	20.0	ND
Trans-1,3-Dichloropropene:	20.0	ND
1,1,2-Trichloroethane:	20.0	ND
Tetrachloroethylene:	20.0	ND
Dibromochloromethane:	20.0	ND
Chlorobenzene:	20.0	ND
1,1,1,2-Tetrachloroethane:	20.0	ND
Ethylbenzene:	20.0	ND
M,P-Xylenes:	20.0	ND
O-Xylene:	20.0	ND
Bromoform:	20.0	ND
1,1,2,2-Tetrachloroethane:	20.0	ND
1,3-Dichlorobenzene:	20.0	ND
1,4-Dichlorobenzene:	20.0	ND
1,2-Dichlorobenzene:	20.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-238B/Rinse(Bladder Pump 2)
TTL Lab Number: 040729039-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729 039

Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-27-04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-27	1150	MW-238B	Aq	x		3	HCl	VOC
↓	—	BLANKS	↓	↓		3	↓	↓
	1200	BLADDER PUMP RINSE 2 PM				2		
↓	1150	MW-238B				1	ice	~~METHANE, ETHANE, ETHENE~~ NITRITE, NITRATE, SULFATE, CHLORIDES, ALKALINITY.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] TO MONITORING 7/27/04 1335
2 [signature] 7-29-04 1:00 PM
3

Received by (signed) Date/Time
[signature] 7-29-04 9:30 AM
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-5
TTL Lab Number: 040729042-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	6.6	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	26.0	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-6
TTL Lab Number: 040729042-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.5	ND
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	167	
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	566	
Chloroform:	10.6	J
1,1,1-Trichloroethane:	2.5	ND
Carbon Tetrachloride:	21.2	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1390	
1,2-Dichloropropane:	2.5	ND
Bromodichloromethane:	2.5	ND
CIS-1,3-Dichloropropene:	2.5	ND
Toluene:	2.5	ND
Trans-1,3-Dichloropropene:	2.5	ND
1,1,2-Trichloroethane:	2.5	ND
Tetrachloroethylene:	2.5	ND
Dibromochloromethane:	2.5	ND
Chlorobenzene:	2.5	ND
1,1,1,2-Tetrachloroethane:	2.5	ND
Ethylbenzene:	2.5	ND
M,P-Xylenes:	2.5	ND
O-Xylene:	2.5	ND
Bromoform:	2.5	ND
1,1,2,2-Tetrachloroethane:	2.5	ND
1,3-Dichlorobenzene:	2.5	ND
1,4-Dichlorobenzene:	2.5	ND
1,2-Dichlorobenzene:	2.5	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-7
TTL Lab Number: 040729042-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	10.0	ND
Vinyl Chloride	10.0	ND
Chloroethane	10.0	ND
Trichlorofluoromethane	10.0	ND
1,1-Dichloroethene	674	
Methylene Chloride	10.0	ND
Trans-1,2-Dichloroethene	10.0	ND
1,1-Dichloroethane	10.0	ND
Cis-1,2-Dichloroethene	160	J
Chloroform	15.5	J
1,1,1-Trichloroethane	10.0	ND
Carbon Tetrachloride	171	J
Benzene	10.0	ND
1,2-Dichloroethane	10.0	ND
Trichloroethylene	6800	
1,2-Dichloropropane	10.0	ND
Bromodichloromethane	10.0	ND
Cis-1,3-Dichloropropene	10.0	ND
Toluene	10.0	ND
Trans-1,3-Dichloropropene	10.0	ND
1,1,2-Trichloroethane	10.0	ND
Tetrachloroethylene	10.0	ND
Dibromochloromethane	10.0	ND
Chlorobenzene	10.0	ND
1,1,1,2-Tetrachloroethane	10.0	ND
Ethyl Benzene	10.0	ND
M,P-Xylenes	10.0	ND
O-Xylene	10.0	ND
Bromoform	10.0	ND
1,1,2,2-Tetrachloroethane	10.0	ND
1,3-Dichlorobenzene	10.0	ND
1,4-Dichlorobenzene	10.0	ND
1,2-Dichlorobenzene	10.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 1-5/1-6/1-7
TTL Lab Number: C40729042-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729042

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-27-04
Sampled By: Reggie Robinson Roseveltt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: CM
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-27	11:30	CMT 1-5	Aq	X		3	HCl	VOC
	12:10	CMT 1-6						
	10:35	CMT 1-7						
	—	Blanks						
	11:30	CMT 1-5				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:10	CMT 1-6						
	10:35	CMT 1-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [signature] To Montg. Lab 7-27-04 15:30 — [signature] 7-29-04 9:30AM
2. [signature] 7-29-04 1:00PM — 2.
3. — 3.

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-3
TTL Lab Number: 040729040-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	3.5	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	7.7	J
Chloroform:	1.7	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.5	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	325	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-2
TTL Lab Number: 040729040-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	2.0	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	63.8	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 3-2/3-3
TTL Lab Number: 040729040-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729 040

Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7-28-04

Sampled By: Frank Jurgevich / Ryan Parker

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: NA
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
7-28			Solid, Etc.	Grab	Comp			
↓	1250	CMT 3-3	Aq	x		3	HCl	VOC
	1335	CMT3-3 MS/MSD	↓	↓		↓	↓	↓
	—	Blanks						
	1250	CMT3-3				1	ice	Nitrite, Nitrate, Sulfate, Chloride, and
↓	1335	CMT3-2	↓	↓		1	ice	↓ Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. TO MONT. LAB 7/28/04 1710
2. 7-28-04 1:04 PM
3.

Received by (signed) Date/Time

1. 7-29-04 9:38 AM
2.
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: TTL

Received By Lab:

Date/Time 07/29/04 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-2
TTL Lab Number: 040729041-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.1	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	4.1	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.3	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	159	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (R;R)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-3
TTL Lab Number: 040729041-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.5	ND
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	35.3	J
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	279	
Chloroform:	2.5	J
1,1,1-Trichloroethane:	2.5	ND
Carbon Tetrachloride:	13.1	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1400	
1,2-Dichloropropane:	2.5	ND
Bromodichloromethane:	2.5	ND
CIS-1,3-Dichloropropene:	2.5	ND
Toluene:	2.5	ND
Trans-1,3-Dichloropropene:	2.5	ND
1,1,2-Trichloroethane:	2.5	ND
Tetrachloroethylene:	2.5	ND
Dibromochloromethane:	2.5	ND
Chlorobenzene:	2.5	ND
1,1,1,2-Tetrachloroethane:	2.5	ND
Ethylbenzene:	2.5	ND
M,P-Xylenes:	2.5	ND
O-Xylene:	2.5	ND
Bromoform:	2.5	ND
1,1,2,2-Tetrachloroethane:	2.5	ND
1,3-Dichlorobenzene:	2.5	ND
1,4-Dichlorobenzene:	2.5	ND
1,2-Dichlorobenzene:	2.5	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-4
TTL Lab Number: 040729041-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	20.0	ND
Vinyl Chloride	20.0	ND
Chloroethane	20.0	ND
Trichlorofluoromethane	20.0	ND
1,1-Dichloroethene	427	
Methylene Chloride	20.0	ND
Trans-1,2-Dichloroethene	20.0	ND
1,1-Dichloroethane	20.0	ND
Cis-1,2-Dichloroethene	1120	
Chloroform	29.8	J
1,1,1-Trichloroethane	20.0	ND
Carbon Tetrachloride	77.8	J
Benzene	20.0	ND
1,2-Dichloroethane	20.0	ND
Trichloroethylene	10000	
1,2-Dichloropropane	20.0	ND
Bromodichloromethane	20.0	ND
Cis-1,3-Dichloropropene	20.0	ND
Toluene	20.0	ND
Trans-1,3-Dichloropropene	20.0	ND
1,1,2-Trichloroethane	20.0	ND
Tetrachloroethylene	20.0	ND
Dibromochloromethane	20.0	ND
Chlorobenzene	20.0	ND
1,1,1,2-Tetrachloroethane	20.0	ND
Ethyl Benzene	20.0	ND
M,P-Xylenes	20.0	ND
O-Xylene	20.0	ND
Bromoform	20.0	ND
1,1,2,2-Tetrachloroethane	20.0	ND
1,3-Dichlorobenzene	20.0	ND
1,4-Dichlorobenzene	20.0	ND
1,2-Dichlorobenzene	20.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 4-2/4-3/4-4
TTL Lab Number: 040729041-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729 041

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/28/04
Sampled By: BLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Ice
3. Initial Contents Temp.: 1.2 °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/28/04	12:40pm	CMT 4-2	Aqueous	X		3	HCL	VOC
	2:05pm	CMT 4-3						
	4:10pm	CMT 4-4						
	—	Blanks for CMT 4-2, 4-3, 4-4						
	12:40	CMT 4-2	Aq	X		1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride.
	2:05pm	CMT 4-3						
	4:10p	CMT 4-4						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Montgomery Lab

1. 5:00pm 7/28/04
2. 7-29-04 1:40PM
3.

Received by (signed) Date/Time

1. 7-29-04 9:30AM
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-4
TTL Lab Number: 040730020-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	5.9	J
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	8.9	J
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.9	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	196	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-5
TTL Lab Number: 040730020-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	10.0	ND
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	221	
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	35.4	J
Chloroform:	13.9	J
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	65.2	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	4800	
1,2-Dichloropropane:	10.0	ND
Bromodichloromethane:	10.0	ND
CIS-1,3-Dichloropropene:	10.0	ND
Toluene:	10.0	ND
Trans-1,3-Dichloropropene:	10.0	ND
1,1,2-Trichloroethane:	10.0	ND
Tetrachloroethylene:	10.0	ND
Dibromochloromethane:	10.0	ND
Chlorobenzene:	10.0	ND
1,1,1,2-Tetrachloroethane:	10.0	ND
Ethylbenzene:	10.0	ND
M,P-Xylenes:	10.0	ND
O-Xylene:	10.0	ND
Bromoform:	10.0	ND
1,1,2,2-Tetrachloroethane:	10.0	ND
1,3-Dichlorobenzene:	10.0	ND
1,4-Dichlorobenzene:	10.0	ND
1,2-Dichlorobenzene:	10.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-6
TTL Lab Number: 040730020-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	129	
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.3	J
Cis-1,2-Dichloroethene	14.6	J
Chloroform	4.7	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	18.8	J
Benzene	1.0	ND
1,2-Dichloroethane	1.3	J
Trichloroethylene	340	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 3-4/3-5/3-6
TTL Lab Number: 040730020-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
0407 30 020

TTL Technology and Tradition

Sheet 6 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.29.04
Sampled By: Frank Juetzvich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: ~~Complete~~ Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.29	1210	CMT 3-4	Aq.	X		3	HCl	VOC
	1315	CMT 3-5						
	1545	CMT 3-6						
	—	BLANKS						
	1210	CMT 3-4				1	ice	Nitrate, Nitrite, Chloride, Sulfate, Alkalinity
	1315	CMT 3-5						
	1545	CMT 3-6						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT. LAB 7.29.04 1645
2 TO BHS 7/29/04 1740
3 Kenneth Moody 7/30/04 1255

Received by (signed) Date/Time
1 7/29/04 1710
2 Kenneth Moody 7/30/04 1240
3

SHIPPING DETAILS

Air Bill #: 3020184981
Method of Shipment: BUS
Received By Lab: Carmen Burt
Date/Time 07 30 04 1255

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RLR,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-5
TTL Lab Number: 040730019-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	5.0	ND
Vinyl Chloride	5.0	ND
Chloroethane	5.0	ND
Trichlorofluoromethane	5.0	ND
1,1-Dichloroethene	467	
Methylene Chloride	5.0	ND
Trans-1,2-Dichloroethene	5.0	ND
1,1-Dichloroethane	5.0	ND
Cis-1,2-Dichloroethene	1760	
Chloroform	14.4	J
1,1,1-Trichloroethane	5.0	ND
Carbon Tetrachloride	31.3	J
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	2270	
1,2-Dichloropropane	5.0	ND
Bromodichloromethane	5.0	ND
Cis-1,3-Dichloropropene	5.0	ND
Toluene	5.0	ND
Trans-1,3-Dichloropropene	5.0	ND
1,1,2-Trichloroethane	5.0	ND
Tetrachloroethylene	5.0	ND
Dibromochloromethane	5.0	ND
Chlorobenzene	5.0	ND
1,1,1,2-Tetrachloroethane	5.0	ND
Ethyl Benzene	5.0	ND
M,P-Xylenes	5.0	ND
O-Xylene	5.0	ND
Bromoform	5.0	ND
1,1,2,2-Tetrachloroethane	5.0	ND
1,3-Dichlorobenzene	5.0	ND
1,4-Dichlorobenzene	5.0	ND
1,2-Dichlorobenzene	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RLR,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-6
TTL Lab Number: 040730019-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	20.0	ND
Vinyl Chloride	20.0	ND
Chloroethane	20.0	ND
Trichlorofluoromethane	20.0	ND
1,1-Dichloroethene	700	
Methylene Chloride	20.0	ND
Trans-1,2-Dichloroethene	20.0	ND
1,1-Dichloroethane	20.0	ND
Cis-1,2-Dichloroethene	625	
Chloroform	24.8	J
1,1,1-Trichloroethane	20.0	ND
Carbon Tetrachloride	166	J
Benzene	20.0	ND
1,2-Dichloroethane	20.0	ND
Trichloroethylene	10600	
1,2-Dichloropropane	20.0	ND
Bromodichloromethane	20.0	ND
Cis-1,3-Dichloropropene	20.0	ND
Toluene	20.0	ND
Trans-1,3-Dichloropropene	20.0	ND
1,1,2-Trichloroethane	20.0	ND
Tetrachloroethylene	20.0	ND
Dibromochloromethane	20.0	ND
Chlorobenzene	20.0	ND
1,1,1,2-Tetrachloroethane	20.0	ND
Ethyl Benzene	20.0	ND
M,P-Xylenes	20.0	ND
O-Xylene	20.0	ND
Bromoform	20.0	ND
1,1,2,2-Tetrachloroethane	20.0	ND
1,3-Dichlorobenzene	20.0	ND
1,4-Dichlorobenzene	20.0	ND
1,2-Dichlorobenzene	20.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-7
TTL Lab Number: 040730019-003A
TTL Job Number: C700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	20.0	ND
Vinyl Chloride:	20.0	ND
Chloroethane:	20.0	ND
Trichlorofluoromethane:	20.0	ND
1,1-Dichloroethene:	404	
Methylene Chloride:	20.0	ND
Trans-1,2-Dichloroethene:	20.0	ND
1,1-Dichloroethane:	20.0	ND
Cis-1,2-Dichloroethene:	597	
Chloroform:	21.6	J
1,1,1-Trichloroethane:	20.0	ND
Carbon Tetrachloride:	92.6	J
Benzene:	20.0	ND
1,2-Dichloroethane:	20.0	ND
Trichloroethylene:	9210	
1,2-Dichloropropane:	20.0	ND
Bromodichloromethane:	20.0	ND
CIS-1,3-Dichloropropene:	20.0	ND
Toluene:	20.0	ND
Trans-1,3-Dichloropropene:	20.0	ND
1,1,2-Trichloroethane:	20.0	ND
Tetrachloroethylene:	20.0	ND
Dibromochloromethane:	20.0	ND
Chlorobenzene:	20.0	ND
1,1,1,2-Tetrachloroethane:	20.0	ND
Ethylbenzene:	20.0	ND
M,P-Xylenes:	20.0	ND
O-Xylene:	20.0	ND
Bromoform:	20.0	ND
1,1,2,2-Tetrachloroethane:	20.0	ND
1,3-Dichlorobenzene:	20.0	ND
1,4-Dichlorobenzene:	20.0	ND
1,2-Dichlorobenzene:	20.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 4-5/4-6/4-7
TTL Lab Number: 040730019-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040730019

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·29·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-29	12:39	CMT 4-5	Ag	X		3	HCl	VOC
	12:33	CMT 4-6						
	2:52	CMT 4-7						
	—	Blanks for CMT 4-5, 4-6, 4-7						
	12:39	CMT 4-5				1	Ice	Nitrate, Nitrite, Chloride Alk. Sulfate
	12:33	CMT 4-6						
	2:52	CMT 4-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature]	7.29.04 16:00 To Montg. Lab	1 [signature]	7/29/04 1710
2 [signature]	7.29.04 1740 To BUS	2 Kenneth Moody	7/30/04 1240
3 Kenneth Moody	7/30/04 1256	3	

SHIPPING DETAILS

Air Bill #: 3020184981
Method of Shipment: BUS
Received By Lab: Carm Bch
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-1
TTL Lab Number: 040803012-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	2.5	ND
Vinyl Chloride	2.5	ND
Chloroethane	2.5	ND
Trichlorofluoromethane	2.5	ND
1,1-Dichloroethene	20.5	J
Methylene Chloride	2.5	ND
Trans-1,2-Dichloroethene	2.5	ND
1,1-Dichloroethane	2.5	ND
Cis-1,2-Dichloroethene	15.1	J
Chloroform	3.1	J
1,1,1-Trichloroethane	2.5	ND
Carbon Tetrachloride	7.4	J
Benzene	2.5	ND
1,2-Dichloroethane	2.5	ND
Trichloroethylene	1490	
1,2-Dichloropropane	2.5	ND
Bromodichloromethane	2.5	ND
Cis-1,3-Dichloropropene	2.5	ND
Toluene	2.5	ND
Trans-1,3-Dichloropropene	2.5	ND
1,1,2-Trichloroethane	2.5	ND
Tetrachloroethylene	2.5	ND
Dibromochloromethane	2.5	ND
Chlorobenzene	2.5	ND
1,1,1,2-Tetrachloroethane	2.5	ND
Ethyl Benzene	2.5	ND
M,P-Xylenes	2.5	ND
O-Xylene	2.5	ND
Bromoform	2.5	ND
1,1,2,2-Tetrachloroethane	2.5	ND
1,3-Dichlorobenzene	2.5	ND
1,4-Dichlorobenzene	2.5	ND
1,2-Dichlorobenzene	2.5	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-2
TTL Lab Number: 040803012-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	10.0	ND
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	44.4	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	10.0	ND
Chloroform:	10.0	ND
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	28.6	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	3670	
1,2-Dichloropropane:	10.0	ND
Bromodichloromethane:	10.0	ND
CIS-1,3-Dichloropropene:	10.0	ND
Toluene:	10.0	ND
Trans-1,3-Dichloropropene:	10.0	ND
1,1,2-Trichloroethane:	10.0	ND
Tetrachloroethylene:	10.0	ND
Dibromochloromethane:	10.0	ND
Chlorobenzene:	10.0	ND
1,1,1,2-Tetrachloroethane:	10.0	ND
Ethylbenzene:	10.0	ND
M,P-Xylenes:	10.0	ND
O-Xylene:	10.0	ND
Bromoform:	10.0	ND
1,1,2,2-Tetrachloroethane:	10.0	ND
1,3-Dichlorobenzene:	10.0	ND
1,4-Dichlorobenzene:	10.0	ND
1,2-Dichlorobenzene:	10.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-3
TTL Lab Number: 040803012-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	10.0	ND
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	159	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	51.1	J
Chloroform:	10.0	ND
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	59.2	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	7060	
1,2-Dichloropropane:	10.0	ND
Bromodichloromethane:	10.0	ND
CIS-1,3-Dichloropropene:	10.0	ND
Toluene:	10.0	ND
Trans-1,3-Dichloropropene:	10.0	ND
1,1,2-Trichloroethane:	10.0	ND
Tetrachloroethylene:	10.0	ND
Dibromochloromethane:	10.0	ND
Chlorobenzene:	10.0	ND
1,1,1,2-Tetrachloroethane:	10.0	ND
Ethylbenzene:	10.0	ND
M,P-Xylenes:	10.0	ND
O-Xylene:	10.0	ND
Bromoform:	10.0	ND
1,1,2,2-Tetrachloroethane:	10.0	ND
1,3-Dichlorobenzene:	10.0	ND
1,4-Dichlorobenzene:	10.0	ND
1,2-Dichlorobenzene:	10.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-4
TTL Lab Number: 040803012-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	10.0	ND
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	122	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	423	
Chloroform:	10.0	ND
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	26.4	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	5240	
1,2-Dichloropropane:	10.0	ND
Bromodichloromethane:	10.0	ND
CIS-1,3-Dichloropropene:	10.0	ND
Toluene:	10.0	ND
Trans-1,3-Dichloropropene:	10.0	ND
1,1,2-Trichloroethane:	10.0	ND
Tetrachloroethylene:	10.0	ND
Dibromochloromethane:	10.0	ND
Chlorobenzene:	10.0	ND
1,1,1,2-Tetrachloroethane:	10.0	ND
Ethylbenzene:	10.0	ND
M,P-Xylenes:	10.0	ND
O-Xylene:	10.0	ND
Bromoform:	10.0	ND
1,1,2,2-Tetrachloroethane:	10.0	ND
1,3-Dichlorobenzene:	10.0	ND
1,4-Dichlorobenzene:	10.0	ND
1,2-Dichlorobenzene:	10.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-5
TTL Lab Number: 040803012-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	5.0	ND
Vinyl Chloride:	5.0	ND
Chloroethane:	5.0	ND
Trichlorofluoromethane:	5.0	ND
1,1-Dichloroethene:	74.3	J
Methylene Chloride:	5.0	ND
Trans-1,2-Dichloroethene:	5.0	ND
1,1-Dichloroethane:	5.0	ND
Cis-1,2-Dichloroethene:	48.1	J
Chloroform:	5.0	ND
1,1,1-Trichloroethane:	5.0	ND
Carbon Tetrachloride:	25.6	J
Benzene:	5.0	ND
1,2-Dichloroethane:	5.0	ND
Trichloroethylene:	2850	
1,2-Dichloropropane:	5.0	ND
Bromodichloromethane:	5.0	ND
CIS-1,3-Dichloropropene:	5.0	ND
Toluene:	5.0	ND
Trans-1,3-Dichloropropene:	5.0	ND
1,1,2-Trichloroethane:	5.0	ND
Tetrachloroethylene:	5.0	ND
Dibromochloromethane:	5.0	ND
Chlorobenzene:	5.0	ND
1,1,1,2-Tetrachloroethane:	5.0	ND
Ethylbenzene:	5.0	ND
M,P-Xylenes:	5.0	ND
O-Xylene:	5.0	ND
Bromoform:	5.0	ND
1,1,2,2-Tetrachloroethane:	5.0	ND
1,3-Dichlorobenzene:	5.0	ND
1,4-Dichlorobenzene:	5.0	ND
1,2-Dichlorobenzene:	5.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-6
TTL Lab Number: 040803012-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	9.1	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	58.4	
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	2.0	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	244	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-7
TTL Lab Number: 040803012-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.5	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	29.7	
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	47.4	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 2-1/2-2/2-3/2-4/2-5/2-6/2-7
TTL Lab Number: 040803012-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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WORK ORDER NUMBER
040803 012

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·30·04
Sampled By: FIJ RLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RLR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents: Good
7. Comments: [illegible]
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·30	1120	CMT 2-1	Aq.	X		3	HCl	VOC
	1201	CMT 2-2						
	1155	CMT 2-3						
	1025	CMT 2-4						
	1310	CMT 2-5						
	1324	CMT 2-6						
	1335	CMT 2-7						
	—	BLANKS						
	1120	CMT 2-1					ice	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity
	1201	CMT 2-2						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT. LAB 7/30/04 1500
2 8·2-04 18:30
3

Received by (signed) Date/Time
1 8·2·04 18:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab:
Date/Time 8/3/04 9:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and the [illegible]

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Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040708052.001-003
TTL Job Number: 0700-024

Sample Id:	**MW-204**	**MW-304**	**MW-339**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	6.60	51.1	73.1	07-14-04 10:38AM	RLS
Chloride, mg/L as Cl	2.09	1.14	2.39	07-09-04 3:30PM	RWF
Nitrate, mg NO_3-N/L	2.65	<0.10	<0.10	07-09-04 3:30PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-09-04 3:30PM	RWF
Sulfate, mg/L as SO_4	<0.50	9.94	159	07-09-04 3:30PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

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TTL WORK ORDER NUMBER
040708052

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/7/04
Sampled By: Greg Neely Roosevelt L Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: ~~ICE~~ RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/7/04	10:25am	MW-204	Aqueous	X		3	HCl	VOC
	12:10pm	MW-304						
	4:00pm	MW-339						
	9:30am	Pump Rinse 1				2		
	4:55pm	Pump Rinse 1				2		
	7:00am	Blank / MW 204, MW 304, MW 339				3		
	10:35am	MW-204				1	ICE	Nitrate, Nitrite, Sulfate, Alk, Chloride
	12:10pm	MW 304						
	4:50pm	MW 339						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montgomery Lab 5:16pm 7/7/04 — Received by (signed) Date/Time 7-8-04 8:30AM
1
2 7-8-04 1:00PM
3 — 3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTC
Received By Lab
Date/Time 7-8-04 3:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 07, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040708051.001-004
TTL Job Number: 0700-024

Sample Id:	**MW-104**	**MW-205**	**MW-105**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	<0.01	0.9	6.7	07/14/04 10:38AM	RLS
Chloride, mg/L as Cl	<0.50	1.31	2.17	07/09/01 2:13PM	RWF
Nitrate, mg NO_3-N/L	1.88	2.55	0.55	07/09/01 2:13PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/09/01 2:13PM	RWF
Sulfate, mg/L as SO_4	1.16	<0.50	8.85	07/09/01 2:13PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	**MW-340**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	53.8	07/14/04 10:38AM	RLS
Chloride, mg/L as Cl	1.42	07/09/04 2:13PM	RWF
Nitrate, mg NO_3-N/L	<0.10	07/09/04 2:13PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07/09/04 2:13PM	RWF
Sulfate, mg/L as SO_4	10.4	07/09/04 2:13PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040708051

TTL Techno Trac

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.7.04
Sampled By: Reggie Robinson Frank Jurjevich
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REP
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.7	10:35 AM	MW-104	Aq	X		1	HCl	VOC
↓	12:10 PM	MW-205	↓	↓		↓	↓	↓
	1:15 PM	MW-105						
	4:40	MW-340				✓		
	9:30	Bladder Pump Rinse 2 AM				2		
	4:55	Bladder Pump Rinse 2 PM				2		
	—	Blanks for MW-104, 205, 105, 340				3	✓	✓
	10:35 AM	MW-104				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:10 PM	MW-205						
✓	1:15 PM	MW-105	✓	✓		✓	✓	✓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab
1 [signature] 7.7.04 18:00 hrs
2 [signature] 7-8-04 1:00PM
3

Received by (signed) Date/Time
1 [signature] 7-8-04 8:30AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 7-8-04 330

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TL WORK ORDER NUMBER [redacted]

TTL Technology Tradition

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7-7-04

Sampled By: Reggie Robinson Frank Jurgeirch

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REW
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status (Complete) Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7-7	4:40	MW-340	Aq	X		1	Ice	Nitrate, nitrite, sulfate, alkalinity, chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Monty, Lab

1 [signature] 7-7-04 18:00 hrs

2 [signature] 7-8-04 1:00 PM

3 ____

Received by (signed) Date/Time

1 [signature] 7-8-04 8:30 AM

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: TTL

Received By Lab: [signature]

Date/Time 7-8-04 330

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040709063.001-003
TTL Job Number: 0700-024

Sample Id:	**MW-341**	**MW-123**	**MW-223**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	107	2.90	0.90	07-14-04 10:38AM	RLS
Chloride, mg/L as Cl	1.70	11.1	5.55	07-14-04 6:49PM	RWF
Nitrate, mg NO_3-N/L	<0.10	3.31	2.89	07-14-04 6:49PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-14-04 6:49PM	RWF
Sulfate, mg/L as SO_4	26.7	8.02	0.63	07-14-04 6:49PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L			0.6	07-13-04 9:37AM	LFW

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

Contact: Kidada Dixon

Mailing Addi 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·8·04

Sampled By: FRANK JURJEVICH REGGIE ROBINSON

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/8	11:55a	MW-341	Aq.	x		3	HCl	VOC
	2:36p	MW-123						
	5:00p	MW-223						
	—	BLANKS/MW-341, 123, 223						
	7:30a	PUMP RINSE 2 AM				2		
	5:30p	PUMP RINSE 2 PM						
	11:55a	MW-341				1	NONE	ALKALINITY, CHLORIDE, SULFATE, NITRITE, NITRATE
	2:36p	MW-123						
	5:00p	MW-223						
	5:00p	MW-223					H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONT. LAB

1 7/8/04 18:48

2 7-9-04 10:55AM

3 7/9/04 2:30

Received by (signed) Date/Time

1 7-9-04 9:10AM

2 7/9/04 2:30

3

SHIPPING DETAILS

Air Bill #: GLI 3019713598

Method of Shipment: BUS

Received By Lab: J. Darnell

Date/Time 7-9-04 2:30pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 08, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040709053.001-005
TTL Job Number: 0700-024

Sample Id:	MW-342	MW-109	MW-209	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	63.7	<0.01	5.7	07/14/04 10:38AM	RLS
Chloride, mg/L as Cl	1.81	1.94	3.03	07/14/04 5:30PM	RWF
Nitrate, mg NO_3-N/L	<0.10	0.77	1.60	07/14/04 5:30PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/14/04 5:30PM	RWF
Sulfate, mg/L as SO_4	19.6	3.96	0.51	07/14/04 5:30PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	MW-209 DUPL	MW-132	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	6.6	<0.01	07/14/04 10:38AM	RLS
Chloride, mg/L as Cl	3.02	9.36	07/14/04 5:30PM	RWF
Nitrate, mg NO_3-N/L	1.62	5.69	07/14/04 5:30PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07/14/04 5:30PM	RWF
Sulfate, mg/L as SO_4	<0.50	2.58	07/14/04 5:30PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040709053

TTL Technology and Tradition

Sheet ____ of ____

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/8/04
Sampled By: WGM RLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #** ____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: WGM RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/8/04	12:00pm	MW-342	Aqueous	X		3	HCL	VOC
	12:55	MW-109						
	2:09	MW-209				6		
	4:20	MW-132				3		
	07:00	Rinse Blanks Bladder Pump 1 am				2		
	17:00	Bladder Pump Rinse 1 pm				2		
	12:00pm	MW-342		X		1	Ice	Nitrite, Nitrate, Sulfate, Alkalinity, Chloride
	12:55pm	MW-109						
	2:09pm	MW-209						
	4:20pm	MW-132						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Montgomery Lab — Received by (signed) Date/Time

1. 7/8/04 6:34pm — 7-9-04 9:10AM
2. 7-9-04 9:55AM — 7/9/04 22
3. Kenneth Moody 7/9/04 23 — ____

SHIPPING DETAILS

Air Bill #: GLI 30197 13598
Method of Shipment: BUS
Received By Lab: J. Darnell
Date/Time: 7-9-04 2:30pm

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040712030.001-004
TTL Job Number: 0700-024

				Date/Time Analyzed	Analyst
Sample Id:	**MW-232**	**MW-311**	**MW-111**		
Alkalinity, mg $CaCO_3$/l	1.50	3.00	1.50	07-14-04 10:38AM	RLS
Chloride, mg/L as Cl	7.12	3.61	9.87	07-14-04 9:42PM	RWF
Nitrate, mg NO_3-N/L	2.20	3.97	2.28	07-14-04 9:42PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-14-04 9:42PM	RWF
Sulfate, mg/L as SO_4	0.55	2.25	1.04	07-14-04 9:42PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

		Date/Time Analyzed	Analyst
Sample Id:	**MW-211**		
Alkalinity, mg $CaCO_3$/l	1.70	07-14-04 10:38AM	RLS
Chloride, mg/L as Cl	9.37	07-14-04 9:42PM	RWF
Nitrate, mg NO_3-N/L	4.65	07-14-04 9:42PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07-14-04 9:42PM	RWF
Sulfate, mg/L as SO_4	1.10	07-14-04 9:42PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040712 030

TTL Technology Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-9-04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-9	10:31	MW-232	Aq	X		3	HCl	VOC
	12:25	MW-311						
	1:35	MW-111						
	3:25	MW-211						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 1 PM				2		
	—	TRIP Blanks				3		
	10:31	MW-232				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:25	MW-311						
	1:35	MW-111						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 7-12-04 10:00AM
2 Kenneth Moody 7/12/04 2240
3 Kenneth Moody 7/12/04 2240

Received by (signed) Date/Time
1 7-12-04 9:18AM
2 Kenneth Moody 7/12/04 2240
3

SHIPPING DETAILS

Air Bill #: 3 019770369
Method of Shipment: Bus
Received By Lab:
Date/Time 07/20/04 1440

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-9-04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: GW
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-9	3:25	MW-211	Aq	X		REP 3/1	ICE	Nitrite, Nitrate, Sulfate, Alkalinity, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. 246 — Received by (signed) Date/Time

1. [signature] 7-9-04 17:00hr — [signature] 7-12-04 9:10 AM
2. [signature] 7-12-04 10:00 AM — [signature] 7/12/04 220
3. [signature] 7/12/04 240 — 3

SHIPPING DETAILS

Air Bill #: 8019770369
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 07/12/04 1440

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Alabama Department of Transportation
Sample Date:	July 9, 2004
Sample Type:	Ground Water
Sampled By:	TTL Personnel (FIJ,RER)
Sample Site:	Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number:	040712031.001-003
TTL Job Number:	0700-024

				Date/Time Analyzed	Analyst
Sample Id:	**MW-217**	**MW-117**	**MW-221**		
Alkalinity, mg $CaCO_3$/l	2.00	10.0	<0.01	07-14-04 10:38AM	RLS
Chloride, mg/L as Cl	7.65	6.94	5.91	07-14-04 11:16PM	RWF
Nitrate, mg NO_3-N/L	3.68	2.29	1.60	07-14-04 11:16PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-14-04 11:16PM	RWF
Sulfate, mg/L as SO_4	1.68	2.12	10.8	07-14-04 11:16PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040712031

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.9.04
Sampled By: FRANK JURJEVICH / REGGIE ROBINSON
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.9	12:35p	MW-217	Aq	X		3	HCl	VOC
	2:10p	MW-117						
	4:10p	MW-221						
	8:15a	BLADDER PUMP RINSE 2 AM				2		
	5:09pm	BLADDER PUMP RINSE 2 PM						
		TRIP BLANKS				3		
	12:55p	MW-217				1	NONE	NITRATE, NITRITE, SULFATE, CHLORIDE, ALKALINITY
	2:10p	MW-117						
	4:10p	MW-221						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — TO MONT. LAB
1 7/9/04 1750
2 7-12-04 10:00
3

Received by (signed) Date/Time
1 7-12-04 9:10AM
2
3

SHIPPING DETAILS

Air Bill #: 3019770369
Method of Shipment: BUS
Received By Lab:
Date/Time 07/12/04 14:40

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040714052.001-004
TTL Job Number: 0700-024

Sample Id:	MW-218	MW-115	MW-115 DUPL	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	7.3	0.7	<0.01	07/15/04 10:40AM	RLS
Chloride, mg/L as Cl	3.45	6.15	6.17	07/15/04 5:04PM	RWF
Nitrate, mg NO_3-N/L	1.24	0.78	0.78	07/15/04 5:04PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/15/04 5:04PM	RWF
Sulfate, mg/L as SO_4	8.98	14.2	14.3	07/15/04 5:04PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	MW-215	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	0.7	07/15/04 10:40AM	RLS
Chloride, mg/L as Cl	9.15	07/15/04 5:04PM	RWF
Nitrate, mg NO_3-N/L	2.16	07/15/04 5:04PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07/15/04 5:04PM	RWF
Sulfate, mg/L as SO_4	2.06	07/15/04 5:04PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

ORDER NUMBER
10714052

Technology and Trades

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.12.04
Sampled By: Reggie Robinson Roseu H. Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RRR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.12	10:41	MW-218	Ag	X		3	HCl	VOC
	11:56	MW-115						
	11:56	MW-115 Dup						
	2:11	MW-215						
	7:00	Bladder Pump Rinse 1 am				2		
	17:00	Bladder Pump Rinse 1 pm				2		
	—	TRIP Blank				3		
	10:41	MW-218				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity chloride
	11:56	MW-115						
	11:56	MW-115 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Monty. Lab

1. 7.12.04 17:00hr.
2. 7.13.04 18:00hr
3. 7-14-4 1200

Received by (signed) Date/Time

1. 7.13.04 18:30
2. 7.14.4 11:30
3.

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 071404 12:05

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·12·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·12	2:11	MW-215	Aq	X		1	Ice	Nitrate, Nitrite, Sulfate, Alka, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab
1 7·12·04 17:00
2 7·13·04 19:00
3 7-14-4 12:00

Received by (signed) Date/Time
1 7·13·04 18:30
2 7-14-4 11:30
3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 7-14-04 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040714050.001-004
TTL Job Number: 0700-024

Sample Id:	MW-113	MW-213	MW-233	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	<0.01	0.30	<0.01	07-15-04 10:40AM	RLS
Chloride, mg/L as Cl	3.20	4.87	6.71	07-15-04 2:42PM	RWF
Nitrate, mg NO_3-N/L	1.53	2.53	1.90	07-15-04 2:42PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-15-04 2:42PM	RWF
Sulfate, mg/L as SO_4	0.79	<0.50	0.53	07-15-04 2:42PM	RWF
Total Iron, mg/L as Fe	<0.050			07-21-04 8:51AM	GAH
Total Organic Carbon, mg/L					

Sample Id:	MW-5A	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	15.5	07-15-04 10:40AM	RLS
Chloride, mg/L as Cl	2.48	07-15-04 2:42PM	RWF
Nitrate, mg NO_3-N/L	0.15	07-15-04 2:42PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07-15-04 2:42PM	RWF
Sulfate, mg/L as SO_4	0.89	07-15-04 2:42PM	RWF
Total Iron, mg/L as Fe	4.48	07-21-04 8:51AM	GAH
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040714 050

TTL Technology Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·13·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·13	10:31	MW-113	Aq	X		3	HCl	VOC
	12:11	MW-213						
	3:01	MW-233						
	4:51	MW-5A						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 1 PM						
	—	TRIP Blanks				3		
	10:31	MW-113				1	Ice	Nitrate, Nitrite, Sulfate, Alk, Chloride
	12:11	MW-213						
	3:01	MW-233						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 7·13·04 18:00
2 7·13·04 19:00
3 7-14-4 12:00

Received by (signed) Date/Time
1 7·13·04 18:30
2 7144 11:30
3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 071404 10:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·13·04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.13	4:51	MW-5A	Aq	X		1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride
↓	10:31	MW-113	↓	↓		↓	HNO_3	FE
↓	4:51	MW-5A	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab	Received by (signed) Date/Time
1 7·13·04 18:00	1 7·13·04 18:30
2 7·13·04 19:00 Ars	2 7-14-4 11:30
3 7-14-4 12:00	3

SHIPPING DETAILS

Air Bill #: 3019814325

Method of Shipment: BUS

Received By Lab:

Date/Time 07/14/04 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040714051.001-004
TTL Job Number: 0700-024

Sample Id:	MW-234	MW-134	MW-133	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	1.7	<0.01	<0.01	07/15/04 10:40AM	RLS
Chloride, mg/L as Cl	9.07	7.09	6.30	07/15/04 3:45PM	RWF
Nitrate, mg NO_3-N/L	3.41	1.32	1.41	07/15/04 3:45PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/15/04 3:45PM	RWF
Sulfate, mg/L as SO_4	0.55	<0.50	<0.50	07/15/04 3:45PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	MW-2A	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	<0.01	07/15/04 10:40AM	RLS
Chloride, mg/L as Cl	6.10	07/15/04 3:45PM	RWF
Nitrate, mg NO_3-N/L	1.54	07/15/04 3:45PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07/15/04 3:45PM	RWF
Sulfate, mg/L as SO_4	0.91	07/15/04 3:45PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L	0.9	07/19/04 3:50PM	LFW

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
J40714051

TTL Technical Trade

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.13.04
Sampled By: FRANK JURJEVICH RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RKP
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.13	1010	MW-234	Aq	X		3	HCl	VOC
	1145	MW-134						
	1325	MW-133						
	1555	MW-2A						
	0910	Bladder Pump Rinse 2AM				2		
	1610	Bladder Pump Rinse 2PM				2		
	—	Blanks				3		
	1555	MW-2A				1	H_2SO_4	TOC
	1020	MW-234				1	Ice	Nitrite, Nitrate, Sulfate, Chloride, Alkalinity
	1145	MW-134				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONT. LAB 7.13.04 1752	1 7.13.04 18:30
2 7.13.04 19:00	2 7-14-4 11:30
3 7.14.4 12:00	3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 07/14/04 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·13·04

Sampled By: Frank Juergrich Ryan Parker

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RCR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: JMd
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·13	1325	MW-133	Aq	X		1	Ice	Nitrite, Nitrate, Sulfate, Chloride, Alkalinity
7·13	1555	MW-2A	Aq	X		1	Ice	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT. LAB 7·13·04 1752

2 7·13·04 19:00

3 7-14-4 12:00

Received by (signed) Date/Time

1 7·13·04 18:30

2 7/14-4 11:30

3

SHIPPING DETAILS

Air Bill #: 3019814325

Method of Shipment: BUS

Received By Lab:

Date/Time 071404 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040714059.001-003
TTL Job Number: 0700-024

Sample Id:	MW-228	MW-128	MW-118	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	0.8	0.2	<0.01	07/15/04 10:40AM	RLS
Chloride, mg/L as Cl	9.45	7.08	3.32	07/15/04 6:54PM	RWF
Nitrate, mg NO_3-N/L	4.78	1.70	1.77	07/15/04 6:54PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/15/04 6:54PM	RWF
Sulfate, mg/L as SO_4	4.06	1.03	4.65	07/15/04 6:54PM	RWF
Total Iron, mg/L as Fe	<0.05			07/21/04 8:51AM	GAH
Total Organic Carbon, mg/L	0.6			07/19/04 3:35PM	LFW

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040714059

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·12·04
Sampled By: FRANK JURJEVICH Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·12	1025	MW-228	Aq	x		3	HCl	VOC
	1140	MW-128				3		
	1340	MW-118				3		
	0830	Bladder Pump Rinse 2AM				2		
	1400	Bladder Pump Rinse 2PM				2		
	—	Blanks				3		
	1025	MW-228				1	ice	Nitrite, Nitrate, Sulfate, Chloride, and Alkalinity
	1140	MW-128				1		
	1340	MW-118				1		
	1025	MW-228				1	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. TO MONT LAB 7·12·04 1515
2. 7·13·04 19:00
3. 7-14-4 12:00

Received by (signed) Date/Time
1. 7·13·04 18:00
2. 7-14-4 11:30
3.

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 8 7/14/04 1200

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.12.04
Sampled By: FRANK JURJEVICH Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: REK
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.12	1025	MW-228	Aq	X		1	HNO_3	IRON

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TOMONT LAB
1 7.12.04 1515
2 7.13.04 19:00
3 7-14-4 1200

Received by (signed) Date/Time
1 7.13.04 18:00
2 7/14/4 11:30
3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab
Date/Time 07/14/04 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040715034.001-005
TTL Job Number: 0700-024

Sample Id:	MW-102	MW-202	MW-229	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	332	7.6	<0.01	07/15/04 10:10AM	RLS
Chloride, mg/L as Cl	3.78	5.99	6.87	07/16/04 6:02PM	RWF
Nitrate, mg NO_3-N/L	0.24	0.15	3.09	07/16/04 6:02PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/16/04 6:02PM	RWF
Sulfate, mg/L as SO_4	0.65	1.61	0.56	07/16/04 6:02PM	RWF
Total Iron, mg/L as Fe	18.9			07/21/04 8:51AM	GAH
Total Organic Carbon, mg/L					

Sample Id:	MW-229 DUPL	MW-129	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	0.5	<0.01	07/16/04 10:10AM	RLS
Chloride, mg/L as Cl	7.18	7.72	07/16/04 6:02PM	RWF
Nitrate, mg NO_3-N/L	3.04	2.51	07/16/04 6:02PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07/16/04 6:02PM	RWF
Sulfate, mg/L as SO_4	0.53	<0.50	07/16/04 6:02PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TL WORK
ORDER NUMBER
040715034

TTL Technology Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.14.04
Sampled By: FRANK JURSEVICH / RYAN PACICEK
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-14	1105	MW-102	Aq	X		3	HCl	VOC
	1355	MW-202				3		
	1535	MW-229				3		
	1535	MW-229 Dup.				3		
	1715	MW-129				3		
	0900	Bladder Pump Rinse 2 AM				2		
	1730	Bladder Pump Rinse 2 PM				2		
	—	Blanks				3		
	1105	MW-102				1	ice	Nitrite, Nitrate, Sulfate, Chloride, Alk.
	1355	MW-202				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	1 7-15-04 9:00AM
2 7-15-04 12:50PM	2
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/15/04 1250

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·14·04
Sampled By: Frank Juergen / Ryan Packer
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·14	1535	MW-229	Aq	x		1		Nitrite, Nitrate, Sulfate, Chlorides, Alk.
↓	1535	MW-229 Dup.	↓	↓		↓		↓
	1715	MW-129	↓	↓		↓		↓
↓	1120	MW-102	Aq	x		1	HNO_3	Iron

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	1 7-15-04 9:00AM
2 7-15-04 12:50PM	2
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/15/04 1250

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040715036.001-004
TTL Job Number: 0700-024

Sample Id:	MW-101	MW-201	MW-203	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	<0.01	2.50	<0.01	07-16-04 10:10AM	RLS
Chloride, mg/L as Cl	4.79	6.98	6.87	07-16-04 7:36PM	RWF
Nitrate, mg NO_3-N/L	1.03	2.36	2.48	07-16-04 7:36PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-16-04 7:36PM	RWF
Sulfate, mg/L as SO_4	1.59	0.63	0.55	07-16-04 7:36PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	MW-1A	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	1.60	07-16-04 10:10AM	RLS
Chloride, mg/L as Cl	6.99	07-16-04 7:36PM	RWF
Nitrate, mg NO_3-N/L	2.91	07-16-04 7:36PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07-16-04 7:36PM	RWF
Sulfate, mg/L as SO_4	<0.50	07-16-04 7:36PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TL WORK
ORDER NUMBER
040715 036

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·14·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: Good Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-14	10:16	MW-101	Aq	X		3	HCl	~~AA~~ VOC
	11:11	MW-201						
	12:25	MW-203						
	2:55	MW-1A						
	07:00	Bladder Pump Rinse / AM				2		
	17:00	Bladder Pump Rinse / PM						
	—	Trip Blanks				3		
	10:16	MW-101				1	Ice	Nitrite Nitrate Sulfate, Alkalinity, Chloride
	11:11	MW-201						
	12:25	MW-203						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To MONT. LAB
1 [signature] 7-14-04 17:00
2 [signature] 7-15-04 12:50PM
3

Received by (signed) Date/Time
1 [signature] 7-15-04 9:00AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 07/15/04 1250

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology Tradition

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·14·04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7-14	2:53	MW-1A	Aq	X		1	Ice	Nitrate, Nitrite, Sulfate Alk. Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Montg. Lab 7-14-04 17:00	7-15-04 9:00AM
2 7-15-04 12:50PM	
3	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: TTL

Received By Lab:

Date/Time 07/15/04 1250

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040716013.001-003
TTL Job Number: 0700-024

Sample Id:	**MW-103**	**MW-4A**	**MW-4A DUPL**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	8.00	2.70	2.30	07-20-04 12:10PM	RLS
Chloride, mg/L as Cl	1.68	2.05	2.07	07-16-04 11:39PM	RWF
Nitrate, mg NO_3-N/L	3.89	2.57	2.54	07-16-04 11:39PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-16-04 11:39PM	RWF
Sulfate, mg/L as SO_4	7.49	<0.50	<0.50	07-16-04 11:39PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040716013

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·15·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RRR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·15	12:00	MW-103	Ag	X		3	HCl	VOC
	3:30	MW-4A						
	3:30	MW-4A Dup						
	—	TRIP BLANKS						
	07:00	Bladder Pump Rinse 1 AM				2		
	16:30	Bladder Pump Rinse 1 PM						
	12:00	MW-103				1	Ice	Nitrate Nitrite, Sulfate, Alk, Chloride
	3:30	MW-4A						
	3:30	MW-4A Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature]	7·15·04	1 [signature]	7·15·04
2 [signature]	7·15·04 BUS 1945	2 [signature]	7-16-4 8:30
3 [signature]	7-16-4 8:45	3	

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: BUS
Received By Lab: Ruda Walker
Date/Time 7/16/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040716014.001-005
TTL Job Number: 0700-024

Sample Id:	MW-3A	MW-236C	MW-236B	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	1.6	2.9	13.2	07/20/04 12:10PM	RLS
Chloride, mg/L as Cl	3.71	3.39	4.72	07/17/04 12:35AM	RWF
Nitrate, mg NO_3-N/L	2.13	2.64	2.18	07/17/04 12:35AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/17/04 12:35AM	RWF
Sulfate, mg/L as SO_4	1.56	0.94	1.21	07/17/04 12:35AM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L	3.3			07/19/04 3:50PM	LFW

Sample Id:	MW-136A	MW-136A DUPL	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	0.3	0.6	07/20/04 12:10PM	RLS
Chloride, mg/L as Cl	5.70	5.69	07/17/04 12:35AM	RWF
Nitrate, mg NO_3-N/L	0.85	0.83	07/17/04 12:35AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07/17/04 12:35AM	RWF
Sulfate, mg/L as SO_4	0.79	0.86	07/17/04 12:35AM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040716 014

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·15·04
Sampled By: Frank Jurjevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·15	1235	MW-3A	Aq	K		3	HCl	VOC
	1420	MW-236 C						
	1550	MW-236 B						
	1805	MW-136 A						
	1805	MW-136 A Dup						
	1000	Bladder Pump Rinse 2 AM				2		
	1870	Bladder Pump Rinse 2 PM				2		
	—	Blanks				3		
	1235	MW-3A					H_2SO_4	TOC
	1235	MW-3A					ice	Nitrate, Nitrite, Sulfate, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONTLAB
1 7·15·04 1905
2 7·15·04 BUS 1945
3 7-16-4 8:45

Received by (signed) Date/Time
1 7·15·04 19:30
2 7-16-4 8:30
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Linda Walker
Date/Time 7/14/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Technology and Tradition

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·15·04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RKR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status (Complete) Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·15	1420	MW-236 C	Aq	X		1	ice	NITRITE, NITRATE, SULFATE, CHLORIDES, ALKALINITY
↓	1550	MW-236 B	↓	↓		↓	↓	↓
	1805	MW-136 A						
↓	1805	MW-136 A DUP	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONTLAB
1 [signature] 7·15·04 1904
2 [signature] 7·15·04 BUS 1945
3 [signature] 7·16-4 8:45

Received by (signed) Date/Time
1 [signature] 7·15·04 18:30
2 [signature] 7-16-4 8:30
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Linda Walker
Date/Time 7/16/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040719022.001-003
TTL Job Number: 0700-024

Sample Id:	**MW-231**	**MW-131**	**MW-112**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	2.70	3.00	<0.01	07-20-04 12:10PM	RLS
Chloride, mg/L as Cl	6.13	6.24	4.07	07-21-04 11:31AM	RWF
Nitrate, mg NO_3-N/L	2.43	1.56	2.42	07-21-04 11:31AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-21-04 11:31AM	RWF
Sulfate, mg/L as SO_4	0.59	0.65	5.40	07-21-04 11:31AM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L	<0.5	0.5		08-02-04 8:15AM	LFW

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TL WORK
ORDER NUMBER
040719 022

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-16-04
Sampled By: Frank Julienne Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Ryan
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-16	1200	MW-231	Aq	X		3	HCl	VOC
	1416	MW-131						
	1550	MW-112						
	0930	Burnett Pump Lines 2 AM				2		
	1615	Burnett Pump Lines 2 PM				2		
	—	Blanks				3		
	1200	MW-231				1	H_2SO_4	TOC
	1416	MW-131						
	1200	MW-231					ice	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity
	1416	MW-131						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1 TO MONTLAB 7-16-04 1724 — 7-19-04 9:15AM
2 7-19-04 9:50AM — Lindsey Brown 7-19-04 1505
3 Lindsey Brown 7-19-04 1515 — 3

SHIPPING DETAILS

Air Bill #: 3019931618
Method of Shipment: BUS
Received By Lab:
Date/Time 071904 1515

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Sheet 2 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.16.04
Sampled By: Frank Jurczewski Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: FW
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.16	1550	MW-112	Aq	X		1	ice	Nitrate, Nitrite, Alkalinity, Chloride, Alkalinity.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONTLOMA 7-16-04 1724	7-19-04 9:15AM
2 7-19-04 9:50AM	Lindsey Brown 7-19-04 1505
3 Lindsey Brown 7-19-04 1515	3

SHIPPING DETAILS

Air Bill #: 3019931618
Method of Shipment: B45
Received By Lab:
Date/Time 071904 1515

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040719023.001-003
TTL Job Number: 0700-024

Sample Id:	MW-122	MW-122 DUPL	MW-222	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	4.40	4.30	10.2	07-20-04 12:10PM	RLS
Chloride, mg/L as Cl	4.20	4.18	1.79	07-21-04 12:00AM	VJB
Nitrate, mg NO_3-N/L	2.33	2.32	0.61	07-21-04 12:00AM	VJB
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-21-04 12:00AM	VJB
Sulfate, mg/L as SO_4	6.94	7.02	1.09	07-21-04 12:00AM	VJB
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040719 023

TTL Technology, Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·16·04
Sampled By: Reggie Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·16	1:00	MW-122	Ag	X		3	HCl	VOC
	3:10	MW-222						
	07:00	Bladder Pump Rinse 1 am				2		
	3:30	Bladder Pump Rinse 1 pm				2		
	1:00	MW-122 Dup				3		
	—	Trip Blanks						
	1:00	MW-122				1	Ice	Nitrate, Nitrite Sulfate, Alkalinity, Chloride
	3:10	MW-222						
	1:00	MW-122 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [illegible] 7·16·04 17:30 — [illegible] 7-19-04 9:15AM
2. [illegible] 7-19-04 9:50AM — Lindsey Brown 7-19-04 | 1505
3. Lindsey Brown 7-19-04 | 1515 — 3.

SHIPPING DETAILS

Air Bill #: 301993618
Method of Shipment: B&S
Received By Lab: [illegible]
Date/Time 07/19/04 1515

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040720017.001-005
TTL Job Number: 0700-024

Sample Id:	MW-220	MW-214A	MW-216	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	<0.01	1.80	0.40	07-22-04 10:50AM	RLS
Chloride, mg/L as Cl	4.28	9.77	7.49	07-21-04 1:56PM	RWF
Nitrate, mg NO_3-N/L	2.17	2.39	2.82	07-21-04 1:56PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-21-04 1:56PM	RWF
Sulfate, mg/L as SO_4	6.01	3.13	0.76	07-21-04 1:56PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	MW-216 DUPL	MW-116	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	0.60	19.4	07-22-04 10:50AM	RLS
Chloride, mg/L as Cl	7.45	2.17	07-21-04 1:56PM	VJB
Nitrate, mg NO_3-N/L	2.82	0.29	07-21-04 1:56PM	VJB
Nitrite, mg NO_2-N/L	<0.10	<0.10	07-21-04 1:56PM	VJB
Sulfate, mg/L as SO_4	0.63	6.72	07-21-04 1:56PM	VJB
Total Iron, mg/L as Fe		7.39	07-21-04 8:51AM	GAH
Total Organic Carbon, mg/L				

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040720 017

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·19·04
Sampled By: Reggie Robinson Roseveult Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·19	11:50	MW-220	Aq	X		3	HCl	VOC
	1:35	MW-214A						
	3:40	MW-216						
	3:40	MW-216 Dup						
	6:15	MW-116						
	—	Blanks For MW-220, 214A, 216, 116						
	07:30	Bladder Pump Rinse 1 AM				2		
	18:30	Bladder Pump Rinse 1 PM				2		
	11:50	MW-220				1	Ice	Nitrate, Nitrite, Alkalinity, Chloride, Sulfate
	1:35	MW-214A						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mobile Lab
1 7·19·04 19:30
2 7/20/04 4:00 pm
3

Received by (signed) Date/Time
1 7/20/04 2:00 pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 07/20/04 1600

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology ... Tradition

Sheet 2 of 2

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7-19-04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-19	3:40	MW-216	Ag	X		1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
↓	3:40	MW-216 Dup	↓	↓		↓	↓	↓
	6:15	MW-116						
↓	6:15	MW-116	↓	↓		↓	HNO_3	FE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. LA

1 [signature] 7-19-04 19:30

2 [signature] 7/20/04 4:00 pm

3

Received by: (signed) Date/Time

1 [signature] 7/20/04 2:00 pm

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: [signature]

Received By Lab: [signature]

Date/Time 07/20/04 16:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040720018.001-002
TTL Job Number: 0700-024

			Date/Time Analyzed	Analyst
Sample Id:	**MW-212**	**MW-219**		
Alkalinity, mg $CaCO_3$/l	5.80	0.10	07-22-04 10:50AM	RLS
Chloride, mg/L as Cl	3.41	3.03	07-21-04 3:45PM	RWF
Nitrate, mg NO_3-N/L	2.22	0.33	07-21-04 3:45PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07-21-04 3:45PM	RWF
Sulfate, mg/L as SO_4	0.98	5.31	07-21-04 3:45PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040720 018

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.19.04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.19	1145	MW-212	Aq	X		3	HCL	VOC
	1420	MW-219				3		
FIJ	~~1535~~	~~MW-210~~				~~3~~		
	0900	BLADDER PUMP RINSE 2 AM				2		
	1620	BLADDER PUMP RINSE 2 PM				2		
	—	BLANKS				3		
	1145	MW-212				1	ice	NITRITE, NITRATE, SULFATES, CHLORIDES and ALKALINITY
	1420	MW-219				1		
FIJ	~~1535~~	~~MW-210~~				~~1~~		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. TO MONT LAB 7.19.04 1718
2. 7/20/04 4:00 pm
3.

Received by (signed) Date/Time
1. 7/20/04 2:00 pm
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab
Date/Time 07/20/04 1600

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Alabama Department of Transportation
Sample Date:	July 20, 2004
Sample Type:	Ground Water
Sampled By:	TTL Personnel (RER,RLR)
Sample Site:	Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number:	040721032.001
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Sample Id:	**MW-125**		
Alkalinity, mg $CaCO_3$/l	<0.01	07-22-04 10:50AM	RLS
Chloride, mg/L as Cl	5.54	07-28-04 12:00AM	VJB
Nitrate, mg NO_3-N/L	2.35	07-28-04 12:00AM	VJB
Nitrite, mg NO_2-N/L	<0.10	07-28-04 12:00AM	VJB
Sulfate, mg/L as SO_4	1.72	07-28-04 12:00AM	VJB
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

ORDER NUMBER:
040721032

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·20·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·20	2:15	MW-125	Ag	X		3	HCl	VOC
	—	Blanks				2		
	07:30	Bladder Pump Rinse 1Am				2		Nitrate Nitrite Sulfate, Alk. Chloride
	17:00	Bladder Pump Rinse 1pm				1	Ice	
	2:15	MW-125						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 To Monty Lab 7·20·04 14:30
2 To BUS 7·20·04 1820
3 7-21-04 9:20

Received by: (signed) Date/Time
1 7-21-04 9:10
2
3

SHIPPING DETAILS
Air Bill #: 3019974221
Method of Shipment: BUS
Received By Lab:
Date/Time 072104 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040721033.001-004
TTL Job Number: 0700-024

Sample Id:	**MW-210**	**MW-124**	**MW-224**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	170	<0.01	0.90	07-2-04 10:50AM	RLS
Chloride, mg/L as Cl	4.59	6.40	6.82	07-23-04 9:03PM	RWF
Nitrate, mg NO_3-N/L	0.27	2.54	3.28	07-23-04 9:03PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-23-04 9:03PM	RWF
Sulfate, mg/L as SO_4	5.18	1.19	0.54	07-23-04 9:03PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	**MW-124 DUPL**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	<0.01	07-22-04 10:50AM	RLS
Chloride, mg/L as Cl	6.45	07-23-04 9:03PM	RWF
Nitrate, mg NO_3-N/L	2.55	07-23-04 9:03PM	RWF
Nitrite, mg NO_2-N/L	<0.10	07-23-04 9:03PM	RWF
Sulfate, mg/L as SO_4	1.28	07-23-04 9:03PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

WORK ORDER NUMBER
040721 033

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·20·04
Sampled By: FRANK JURJEVICH / RYAN PACKEL
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·20	1145	MW-210	Aq.	X		3	HCl	VOC
	1335	MW-124				3		
	1615	MW-224				3		
	1335	MW-124 Dup.				3		
	0810	Bladder Pump Rinse 2 AM				2		
	1630	Bladder Pump Rinse 2 PM				2		
	—	Blanks				3		
	1145	MW-210				1	ice	Nitrite, Nitrate, Sulfate, Chlorides, Alkalinity
	1335	MW-124				1		
	1615	MW-224				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. TO MONTLAB 7·20·04 1730
2. TO BUS 7·20·04 1820
3. 7-21-04 9:20

Received by (signed) Date/Time
1. 7-21-04 9:10
2.
3.

SHIPPING DETAILS

Air Bill #: 3019974221
Method of Shipment: BUS
Received By Lab:
Date/Time 072104 0920

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Technology and Tradition

Sheet 2 of 2

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.20.04

Sampled By: Fernin Jukjevich / Ryan Parker

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.20	1335	MW-124 Dup.	Aq.	X		1	ice	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] TO MONTLAE 7.20.04 1730

2 [signature] TO BUS 7.20.04 1820

3 [signature] 7-21-04 9:20

Received by (signed) Date/Time

1 [signature] 7-21-04 9:10

2

3

SHIPPING DETAILS

Air Bill #: 3019974221

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 072104 0920

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040722028.001-003
TTL Job Number: 0700-024

Sample Id:	**MW-225**	**MW-230**	**MW-130**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	4.90	2.20	2.70	07-23-04 11:55AM	RLS
Chloride, mg/L as Cl	6.33	6.99	13.5	07-23-04 11:09PM	RWF
Nitrate, mg NO_3-N/L	3.09	9.47	2.07	07-23-04 11:09PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-23-04 11:09PM	RWF
Sulfate, mg/L as SO_4	0.91	0.54	3.00	07-23-04 11:09PM	RWF
Total Iron, mg/L as Fe			0.195	07-27-04 7:28AM	GAH
Total Organic Carbon, mg/L	1.0	0.6	0.9	08-02-04 8:15AM	LFW

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

. TL WORK
ORDER NUMBER
040722 028

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·21·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·21	11:30 AM	MW-225	Ag	X		3	HCl	VOC
	1:50	MW-230						
	4:25	MW-130						
	07:00	Bladder Pump Rinse 1 AM				2		
	12:00	Bladder Pump Rinse 1 PM				2		
	—	Blanks For MW-225, 230, 130				3		
	11:30	MW-225				1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride
	1:50	MW-230						
	4:25	MW-130						
	11:30	MW-225				1	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab	Received by (signed) Date/Time
1 [signed] 7·21·04 17:30	[signed] 7-22-04 9:30AM
2 [signed] 7-22-04 1:15PM	
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signed]
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·21·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Fe
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·21	1:50	MW-230	Aq	X		1	H_2SO_4	TOC
↓	4:25	MW-130	↓	↓		↓	↓	↓
↓	4:25	MW-130	↓	↓		↓	HNO_3	FE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 7-21-04 17:30
2 7-22-04 1:15 PM
3

Received by (signed) Date/Time
1 7-22-04 9:30 AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/22/04 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040722029.001-004
TTL Job Number: 0700-024

Sample Id:	MW-226	MW-227	MW-208	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	2.20	0.50	7.10	07-23-04 11:55AM	RLS
Chloride, mg/L as Cl	5.01	5.96	3.30	07-24-04 12:27AM	RWF
Nitrate, mg NO_3-N/L	1.52	1.87	1.70	07-24-04 12:27AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-24-04 12:27AM	RWF
Sulfate, mg/L as SO_4	1.87	<0.50	0.79	07-24-04 12:27AM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	MW-108	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	<0.01	07-23-04 11:55AM	RLS
Chloride, mg/L as Cl	6.30	07-24-04 12:27AM	RWF
Nitrate, mg NO_3-N/L	3.23	07-24-04 12:27AM	RWF
Nitrite, mg NO_2-N/L	<0.10	07-24-04 12:27AM	RWF
Sulfate, mg/L as SO_4	0.51	07-24-04 12:27AM	RWF
Total Iron, mg/L as Fe	<0.050	07-27-04 7:28AM	GAH
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

T. WORK
ORDER NUMBER
040722029

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: KIDADA DIXON
Mailing Address: 4154 LOMAC STREET
City, State, Zip: MONTGOMERY, AL 36106
Phone No.: 334-244-0766
Date: 7-21-04
Sampled By: FRANK JURJEVICH / RYAN PACKER
Sample Site: COLISEUM BOULEVARD PLUME INVESTIGATION
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7-21	1135	MW-226	Aq	X		3	HCl	VOC
	1355	MW-227						
	1545	MW-208						
	1625	MW-108						
	—	BLANKS						
	0830	BLADDER PUMP RINSE 2 AM				2		
	1640	BLADDER PUMP RINSE 2 PM				2		
	1625	MW-108				1	Nitric Ac	Fe
	1135	MW-226				1	ice	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity
	1355	MW-227				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT LAB 7-21-04 1745
2 7-22-04 1:15 PM
3

Received by (signed) Date/Time
1 7-22-04 9:30 AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT
Contact: KIDADA DIXON
Mailing Address: 4154 LOMAC STREET
City, State, Zip: MONTGOMERY, AL 36106
Phone No.: 334-244-0766
Date: 7·21·04
Sampled By: FRANK JURJEVICH / RYAN PACKER
Sample Site: COLISEUM BOULEVARD PLUME INVESTIGATION
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: DAR
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·21	1625	MW-108	Aq	X		1	ice	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity
↓	1545	MW-208	↓	X		1	ice	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT 7·21·04 1745
2 7·22-04 1:15PM
3

Received by (signed) Date/Time
1 7-22-04 9:30AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040723038.001-004
TTL Job Number: 0700-024

Sample Id:	MW-206	MW-106	MW-106 DUPL	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	28.8	<0.01	<0.01	07-26-04 10:30AM	RLS
Chloride, mg/L as Cl	3.31	3.45	3.51	07-24-04 3:36AM	RWF
Nitrate, mg NO_3-N/L	1.55	2.16	2.16	07-24-04 3:36AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-24-04 3:36AM	RWF
Sulfate, mg/L as SO_4	1.09	5.22	5.12	07-24-04 3:36AM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L	0.8	0.6	0.7	08-02-04 8:15AM	LFW

Sample Id:	MW-135A	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	4.40	07-26-07 10:30AM	RLS
Chloride, mg/L as Cl	4.04	07-24-04 3:36AM	RWF
Nitrate, mg NO_3-N/L	2.16	07-24-04 3:36AM	RWF
Nitrite, mg NO_2-N/L	<0.10	07-24-04 3:36AM	RWF
Sulfate, mg/L as SO_4	6.91	07-24-04 3:36AM	RWF
Total Iron, mg/L as Fe	0.106	07-27-04 7:28AM	GAH
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040723 038

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·22·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·22	12:10 PM	MW-206	Ag	X		3	HCl	VOC
	1:40 PM	MW-106						
	1:40 PM	MW-106 Duplicates						
	3:40 PM	RER MW-~~137A~~ 135A						
	—	Blanks						
	07:30	Bladder Pump Rinse 1 AM				2		
	16:30	Bladder Pump Rinse 1 PM				2		
	12:10	MW-206				1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride
	1:40	MW-106						
	1:40	MW-106 Duplicates						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature] To Montg. Lab	7·22·04 17:00	[signature]	7/23/04 8:36
2 [signature]	7/23/04 8:36	[signature]	7/23/04 15:20
3 [signature]	7/23/04 15:35		

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time: 072304 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology, Tradition

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·22·04
Sampled By: Reggie Robinson Rosevelt
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·22	3:40	MW-135A	Aq	X		1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride
↓	3:40	MW-135A				1	HNO_3	FE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature] To Montg. Lab	7·22·04 17:00	1 [signature]	7/23/04 8:36
2 [signature]	7/23/04 8:36	2 [signature]	7/23/04 15:20
3 [signature]	7/23/04 15:35	3	

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: FedEx
Received By Lab: [signature]
Date/Time 7/23/04 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Laboratory

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7 22 04
Sampled By: Reggie Robinson - Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ___ ; Rush By

Date	Time	Sample ID/Description	Sample Type: Solid, Etc.	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-22	12:10	MW-20C	Ag	X		3	HCl	VOC
	1:40	MW-10C						
	1:40	MW-10C Duplicate						
	3:40	EQ MW-127A 127-A						
	—	Blanks						
	07:30	Bladder Pump Rinse 1 Am				2		
	16:30	Bladder Pump Rinse 1 Pm				2		
	12:10	MW-20C				1	Ice	Nitrate Nitrite Sulfate Alk Chloride
	1:40	MW-10C						
	1:40	MW-10C Duplicate						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mobile Lab
1 [signature] 7-22-04 12:00
2 [signature]
3

Received by (signed) Date/Time
1 [signature]
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time:

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6666
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Sheet 2 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.22.04
Sampled By: Regina Robinson Roosevelt
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type Solid, Etc.	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
7.22	3:40	MW-135A	Ag	X		1	Ice	Nitrate Nitrite, Sulfate, Alk. Chloride
↓	3:40	MW-135A				1	HNO_3	FE
	1:40pm	MW-106	Aq	X		1	H_2SO_4	TOC
	1:40pm	MW-106 Duplicate						
	12:10pm	MW-206						Biology RLR

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [illegible] 7.22.04 17:00 To Mont. Lab	1 [illegible] 7/23/04 9:36
2	2
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3519 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3844

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040723041.001-003
TTL Job Number: 0700-024

Sample Id:	**MW-207**	**MW-107**	**MW-137A**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	16.2	3.60	2.50	07-26-04 10:30AM	RLS
Chloride, mg/L as Cl	2.55	6.37	8.53	07-24-04 5:10AM	RWF
Nitrate, mg NO_3-N/L	1.54	3.00	2.80	07-24-04 5:10AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-24-04 5:10AM	RWF
Sulfate, mg/L as SO_4	2.71	1.21	0.56	07-24-04 5:10AM	RWF
Total Iron, mg/L as Fe	<0.050				
Total Organic Carbon, mg/L	1.3	0.6		08-02-04 8:15AM	LFW

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040723 041

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·22·04
Sampled By: Frank Juczevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-22	1100	MW-207	Aq	X		3	HCl	VOC
	1230	MW-107						
	1425	MW-137A						
FIJ		~~MW-237B~~						
	—	BLANKS						
	0800	BLADDER PUMP RINSE 2 AM				2		
	1435	BLADDER PUMP RINSE 2 PM				2		
	1100	MW-207				1	H_2SO_4	TOC
	1230	MW-107				1	H_2SO_4	TOC
	1100	MW-207				1	ice	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Montgomery 7-22-04 1700	1 Ryan Parker 7/23/04 8:36
2 Ryan Parker 7/23/04 8:36	2 Brian Boswell 7/23/04 15:20
3 Brian Boswell 7/23/04 15:35	3

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: Fed Ex
Received By Lab:
Date/Time 7/23/04 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.22.04

Sampled By: FRANK JUSEVICH / RYAN PARKER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status (Complete) Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Fe
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.22	1230	MW-107	Aq	X		1	ice	Nitrites, Nitrates, Sulfates, Chlorides, Alkalinity
↓	1425	MW-137A	↓	↓		↓	↓	↓
FIS		~~MW-237B~~						
↓	1100	MW-207	↓	↓		↓	Nitric	Fe

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. TO MONT LAB 7.22.04 1700
2. Ryan Parker 7/23/04 8:36
3. Bruce Boswell 7/23/04 15:35

Received by (signed) Date/Time

1. Ryan Parker 7/23/04 8:36
2. Bruce Boswell 7/23/04 15:20
3.

SHIPPING DETAILS

Air Bill #: 3020036844

Method of Shipment:

Received By Lab:

Date/Time 7/23/04 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040727004.001-002
TTL Job Number: 0700-024

			Date/Time Analyzed	Analyst
Sample Id:	**MW-235B**	**MW-235C**		
Alkalinity, mg $CaCO_3$/l	7.60	<0.01	07-28-04 9:10AM	RLS
Chloride, mg/L as Cl	3.58	2.47	07-27-04 3:55PM	RWF
Nitrate, mg NO_3-N/L	1.64	1.47	07-27-04 3:55PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07-27-04 3:55PM	RWF
Sulfate, mg/L as SO_4	5.08	6.43	07-27-04 3:55PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040727 004

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/23/04
Sampled By: Roosevelt Robinson Reginald Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Ice
3. Initial Contents Temp.: _____ °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By _____; Rush By _____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/23/04	10:30 am	MW-235 B	Ag	X		3	HCl	VOC
	12:05 pm	MW-235 C						
	0700	Bladder Pump Rinse 1am				2		
	15:00	Bladder Pump Rinse 1pm				2		
	—	Blanks				3		
	10:30 am	MW-235 B				1	ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
	12:05	MW-235 C				1	ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Monty. Lab	Received by (signed) Date/Time
1 7.23.04 15:30 TO BUS	1 7.26.04 1710
2 7.26.04 1740	2 7.27.04 0850
3 7.27.4 0900	3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen Bentley
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040727005.001-002
TTL Job Number: 0700-024

			Date/Time Analyzed	Analyst
Sample Id:	**MW-237B**	**MW-237C**		
Alkalinity, mg $CaCO_3$/l	11.3	0.40	07-28-04 9:10AM	RLS
Chloride, mg/L as Cl	9.15	7.73	07-27-04 4:26PM	RWF
Nitrate, mg NO_3-N/L	3.52	5.22	07-27-04 4:26PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07-27-04 4:26PM	RWF
Sulfate, mg/L as SO_4	0.97	<0.50	07-27-04 4:26PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TL WORK
ORDER NUMBER
040727 005

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·23·04
Sampled By: Frank Jurevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: JWD Fee
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·23	1405	MW-237B	Aq	X		3	HCl	VOC
	1535	MW-237C						
	—	Blanks						
	1415	Bladder Pump Rinse 2AM				2		
	1600	Bladder Pump Rinse 2PM				2		
	1405	MW-237B				1	ice	Nitrite, Nitrate, Sulfate, Chloride, Alkalinity
	1535	MW-237C				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. [signature] 7·23·04 1630 TO MONTLAB
2. [signature] 7·23·04 1740 TO BUS
3. Pam Peale 7-27-4 0900

Received by (signed) Date/Time
1. [signature] 7.26.04 1710
2. Pam Peale 7·27·4 0850
3.

SHIPPING DETAILS

Air Bill #: 3030107970
Method of Shipment: Bus
Received By Lab: Carmen Burton
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040727003.001-003
TTL Job Number: 0700-024

				Date/Time Analyzed	Analyst
Sample Id:	**CMT 1-1**	**CMT 1-2**	**CMT 1-3**		
Alkalinity, mg $CaCO_3$/l	96.5	86.3	75.6	07-28-04 9:10AM	RLS
Chloride, mg/L as Cl	3.26	3.29	1.67	07-27-04 3:08PM	RWF
Nitrate, mg NO_3-N/L	0.25	<0.10	<0.10	07-27-04 3:08PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-27-04 3:08PM	RWF
Sulfate, mg/L as SO_4	0.69	<0.50	0.55	07-27-04 3:08PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040727 003

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·26·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·26	3:34	CMT 1-1	Ag	X		3	HCl	VOC
	3:10	CMT 1-2						
	2:53	CMT 1-3						
	—	Blanks For CMT 1-1, 1-2, 1-3						
	3:34	CMT-1-1				1	Ice	Nitrate Nitrite, sulfate, Alkalinity, Chloride
	3:10	CMT 1-2						
	2:53	CMT 1-3						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	7·26·04 18:00	1	7·26·04 1710
2	TTBUS 7·26·04 1740	2	7·27·4/0850
3	7·27·4/0900	3	

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen Burton
Date/Time 07/27/04 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ, RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040727006.001-002
TTL Job Number: 0700-024

Sample Id:	MW-138A	MW-238C	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	1.2	17.5	07/28/04 9:10AM	RLS
Chloride, mg/L as Cl	9.77	8.63	07/27/04 4:58PM	RWF
Nitrate, mg NO_3-N/L	3.33	3.49	07/27/04 4:58PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07/27/04 4:58PM	RWF
Sulfate, mg/L as SO_4	2.20	2.74	07/27/04 4:58PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040727 006

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-26-04
Sampled By: Frank Jurjevich / Ryan Pallel
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-26	1310	MW-138A	Aq.	X		3	HCL	VOC
	1145	MW-238C				3		
	—	Blanks				3		
	0830	Bladder Pump Rinse 2 AM				3		
		~~Bladder Pump Rinse 2 PM~~						
	1310	MW-138A				1	ice	Nitrate, Nitrites, Sulfates, Chlorides, Alkalinity.
	1145	MW-238C				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 7-26-04 1640 To Montgomery	7-26-04 1710
2 7-26-04 1740 To BUS	7-27-4/0850
3 7-27-4/0900	3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carma Butler
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040729039.001
TTL Job Number: 0700-024

		Date/Time Analyzed	Analyst
Sample Id:	**MW-238B**		
Alkalinity, mg $CaCO_3$/l	16.2	08/02/04 7:50AM	RLS
Chloride, mg/L as Cl	8.62	08/04/04 12:00AM	RWF
Nitrate, mg NO_3-N/L	3.99	08/04/04 12:00AM	RWF
Nitrite, mg NO_2-N/L	<0.10	08/04/04 12:00AM	RWF
Sulfate, mg/L as SO_4	8.04	08/04/04 12:00AM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TL WORK
ORDER NUMBER
040729 039

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-27-04
Sampled By: Frank Jurjevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___ ; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.27	1150	MW-238B	Aq	x		3	HCl	VOC
↓	—	Blanks	↓	↓		3	↓	↓
	1200	Bladder Pump Rinse 2 PM				2		
↓	1150	MW-238B				1	ice	~~Methane, Ethane, Ethene~~ Nitrite, Nitrate, Sulfate, Chlorides, Alkalinity.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [signature] 7/27/04 1335 TO MONROVIA — [signature] 7-29-04 9:30AM
2. [signature] 7-29-04 1:00PM
3. ___ — 3. ___

SHIPPING DETAILS

Air Bill #: ___
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time: 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040729042.001-003
TTL Job Number: 0700-024

				Date/Time Analyzed	Analyst
Sample Id:	**CMT 1-5**	**CMT 1-6**	**CMT 1-7**		
Alkalinity, mg $CaCO_3$/l	60.2	54.2	26.2	08-02-04 7:50AM	RLS
Chloride, mg/L as Cl	23.8	3.49	8.74	08-04-04 12:31PM	RWF
Nitrate, mg NO_3-N/L	3.02	0.30	4.79	08-04-04 12:31PM	RWF
Nitrite, mg NO_2-N/L	0.15	<0.10	<0.10	08-04-04 12:31PM	RWF
Sulfate, mg/L as SO_4	8.68	1.06	1.01	08-04-04 12:31PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

'L WORK
OI..ER NUMBER
040729 042

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-27-04
Sampled By: Reggie Robinson Roseveltt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-27	11:30	CMT 1-5	Aq	X		3	HCl	VOC
	12:10	CMT 1-6						
	10:35	CMT 1-7						
	—	Blanks						
	11:30	CMT 1-5				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:10	CMT 1-6						
	10:35	CMT 1-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1. [signature] 7-27-04 15:30
2. [signature] 7-29-04 1:00PM
3. ____

Received by (signed) Date/Time
1. [signature] 7-29-04 9:30AM
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Alabama Department of Transportation
Sample Date:	July 28, 2004
Sample Type:	Ground Water
Sampled By:	TTL Personnel (FIJ,RMP)
Sample Site:	Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number:	040729040.001-002
TTL Job Number:	0700-024

			Date/Time Analyzed	Analyst
Sample Id:	**CMT 3-3**	**CMT 3-2**		
Alkalinity, mg $CaCO_3$/l	23.1	27.5	08-02-04 7:50AM	RLS
Chloride, mg/L as Cl	7.33	9.24	07-30-04 6:56PM	RWF
Nitrate, mg NO_3-N/L	1.12	1.45	07-30-04 6:56PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	07-30-04 6:56PM	RWF
Sulfate, mg/L as SO_4	10.8	10.2	07-30-04 6:56PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L				

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040729 040

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-28-04
Sampled By: Fawn Jurgevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: NA
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
7-28			Solid, Etc.	Grab	Comp			
	1250	CMT 3-3	Aq	x		3	HCl	VOC
	1335	CMT 2-3						
	—	Blanks						
	1250	CMT 3-3				1	ice	Nitrite, Nitrate, Sulfate, Chloride, and
	1335	CMT 3-2				1	ice	Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. To Mont. Lab 7/28/04 1710 — 7-29-04 9:38 AM
2. 7-29-04 1:04 PM
3.

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: ____
Date/Time: 07/29/04 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040729041.001-003
TTL Job Number: 0700-024

Sample Id:	**CMT 4-2**	**CMT 4-3**	**CMT 4-4**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	12.8	40.5	23.1	08-02-04 7:50AM	RLS
Chloride, mg/L as Cl	6.02	4.01	6.51	07-30-04 12:00AM	VJB
Nitrate, mg NO_3-N/L	0.71	0.57	0.69	07-30-04 12:00AM	VJB
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-30-04 12:00AM	VJB
Sulfate, mg/L as SO_4	7.45	2.61	6.82	07-30-04 12:00AM	VJB
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040729041

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/28/04
Sampled By: BLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: ICE 4 °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/28/04	12:40pm	CMT 4-2	Aqeous	X		3	HCL	VOC
	2:08pm	CMT 4-3						
	4:10pm	CMT 4-4						
	—	Blanks for CMT 4-2, 4-3, 4-4						
	12:40	CMT 4-2	Ag	X		1	Ice	Nitrate, Nitrite, Sulfate, Alk Chloride
	2:08pm	CMT 4-3						
	4:10p	CMT 4-4						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [signature] To Montgomery Lab 5:00pm 7/28/04 — 1. [signature] 7-29-04 9:30AM
2. [signature] 7-29-04 1:00PM — 2.
3. — 3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 07/29/04 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040730020.001-003
TTL Job Number: 0700-024

Sample Id:	**CMT 3-4**	**CMT 3-5**	**CMT 3-6**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	45.9	24.1	32.9	08-02-04 7:50AM	RLS
Chloride, mg/L as Cl	1.41	8.44	13.7	07-30-04 11:40PM	RWF
Nitrate, mg NO_3-N/L	0.30	2.78	10.2	07-30-04 11:40PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07-30-04 11:40PM	RWF
Sulfate, mg/L as SO_4	2.13	6.77	3.69	07-30-04 11:40PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

Sample Id:	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040730020

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.29.04
Sampled By: Frank Jurcevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: ~~Complete~~ Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.29	1210	CMT 3-4	Aq.	X		3	HCl	VOC
	1315	CMT 3-5						
	1545	CMT 3-6						
	—	BLANKS						
	1210	CMT 3-4				1	ice	Nitrate, Nitrite, Chloride, Sulfate, Alkalinity
	1315	CMT 3-5						
	1545	CMT 3-6						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 7.29.04 1645 TO MONT. LAB
2 [signature] TO BUS 7/29/04 1740
3 Kenneth Moody 7/30/04 1255

Received by (signed) Date/Time
1 [signature] 7/29/04 1710
2 Kenneth Moody 7/30/04 1240
3

SHIPPING DETAILS

Air Bill #: 3020184981
Method of Shipment: BUS
Received By Lab: Carmen Butler
Date/Time 07 30 04 1255

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Sample Type: Ground Water
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040730019.001-003
TTL Job Number: 0700-024

Sample Id:	CMT 4-5	CMT 4-6	CMT 4-7	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	72.8	38.0	22.6	08/02/04 7:50AM	RLS
Chloride, mg/L as Cl	3.77	6.53	6.57	07/30/04 12:00AM	VJB
Nitrate, mg NO_3-N/L	0.34	1.84	1.25	07/30/04 12:00AM	VJB
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	07/30/04 12:00AM	VJB
Sulfate, mg/L as SO_4	2.04	3.67	5.40	07/30/04 12:00AM	VJB
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

WORK ORDER NUMBER
040730 019

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·29·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: gwd Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·29	12:39	CMT 4-5	Ag	X		3	HCl	VOC
	12:33	CMT 4-6						
	2:52	CMT 4-7						
	—	Blanks for CMT 4-5, 4-6, 4-7						
	12:39	CMT 4-5				1	Ice	Nitrate, Nitrite, Chloride Alk. Sulfate
	12:33	CMT 4-6						
	2:52	CMT 4-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab	Received by (signed) Date/Time
1 [signature] 7·29·04 16:00	1 [signature] 7/29/04 1710
2 [signature] To Bus 7·29·04 1740	2 Kenneth Mody 7/30/04 1240
3 Kenneth Mody 7/30/04 1250	3

SHIPPING DETAILS

Air Bill #: 3020184981
Method of Shipment: BUS
Received By Lab: Carm Butler
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Alabama Department of Transportation
Sample Date:	July 30, 2004
Sample Type:	Ground Water
Sampled By:	TTL Personnel (FIJ,RLR)
Sample Site:	Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number:	040803012.001-006
TTL Job Number:	0700-024

				Date/Time Analyzed	Analyst
Sample Id:	**CMT 2-1**	**CMT 2-2**	**CMT 2-3**		
Alkalinity, mg $CaCO_3$/l	18.5	7.50	28.8	08-19-04 9:35AM	RLS
Chloride, mg/L as Cl	5.44	4.38	3.08	08-04-04 1:18PM	RWF
Nitrate, mg NO_3-N/L	1.62	1.56	1.35	08-04-04 1:18PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	08-04-04 1:18PM	RWF
Sulfate, mg/L as SO_4	7.78	1.84	8.21	08-04-04 1:18PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

				Date/Time Analyzed	Analyst
Sample Id:	**CMT 2-4**	**CMT 2-5**	**CMT 2-6**		
Alkalinity, mg $CaCO_3$/l	28.3	29.4	26.3	08-19-04 9:35AM	RLS
Chloride, mg/L as Cl	3.14	1.97	1.97	08-04-04 1:18PM	RWF
Nitrate, mg NO_3-N/L	0.45	<0.10	0.31	08-04-04 1:18PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	08-04-04 1:18PM	RWF
Sulfate, mg/L as SO_4	1.65	1.68	1.68	08-04-04 1:18PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L					

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client:	Alabama Department of Transportation
Sample Date:	July 30, 2004
Sample Type:	Ground Water
Sampled By:	TTL Personnel (FIJ,RLR)
Sample Site:	Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number:	040803012.007
TTL Job Number:	0700-024

		Date/Time Analyzed	Analyst
Sample Id:	**CMT 2.7**		
Alkalinity, mg $CaCO_3$/l	106	08-19-04 9:35AM	RLS
Chloride, mg/L as Cl	2.33	08-04-04 1:18PM	RWF
Nitrate, mg NO_3-N/L	0.18	08-04-04 1:18PM	RWF
Nitrite, mg NO_2-N/L	<0.10	08-04-04 1:18PM	RWF
Sulfate, mg/L as SO_4	6.44	08-04-04 1:18PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L			

	Date/Time Analyzed	Analyst
Sample Id:		
Alkalinity, mg $CaCO_3$/l		
Chloride, mg/L as Cl		
Nitrate, mg NO_3-N/L		
Nitrite, mg NO_2-N/L		
Sulfate, mg/L as SO_4		
Total Iron, mg/L as Fe		
Total Organic Carbon, mg/L		

The sample was analyzed in accordance with methods outlined in Standard Methods for the Examination of Water and Wastewater, Eighteenth Edition, 1992

Steve C. Martin, Chemist

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040803012

TTL Technology Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·30·04
Sampled By: FIJ RLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RLR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents: Good
7. Comments: Dawn
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.30	1120	CMT 2-1	Aq.	X		3	HCl	VOC
	1201	CMT 2-2						
	1155	CMT 2-3						
	1025	CMT 2-4						
	1310	CMT 2-5						
	1324	CMT 2-6						
	1335	CMT 2-7						
	—	BLANKS						
	1120	CMT 2-1				1	ice	Alkalinity, Nitrate, Sulfates, Chlorides, Alkalinity
	1201	CMT 2-2						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT. LAB 7/30/04 1500
2 8·2-04 18:30
3

Received by (signed) Date/Time
1 8·2·04 18:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab:
Date/Time 8/3/04 9:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: FTJ RLR
Sampled By: 7.30.04
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RLR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents: good
7. Comments: Dave
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.30	1155	CMT 2-3	Aq.	X		ice	1	Nitrate, Nitrite, Chloride, Sulfate, Alkalinity
	1025	CMT 2-4	↓	↓		↓	↓	↓
	1310	CMT 2-5						
	1324	CMT 2-6						
↓	1335	CMT 2-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 To Mont. Lab 7/30/04 1500
2 8.2.04 18:30
3

Received by: (signed) Date/Time
1 8.2.04 18:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BCS
Received By Lab:
Date/Time 8/3/04 9:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

RECEIVED
July 20, 2004

July 15, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101193

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 9, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0028. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/09/04 ETR No: 101193		
578336	MW-204	07/07/04	Aqueous
578337	MW-304	07/07/04	Aqueous
578338	MW-339	07/07/04	Aqueous
578339	MW-104	07/07/04	Aqueous
578340	MW-205	07/07/04	Aqueous
578341	MW-105	07/07/04	Aqueous
578342	MW-340	07/07/04	Aqueous
578343	MW-342	07/08/04	Aqueous
578344	MW-109	07/08/04	Aqueous
578345	MW-132	07/08/04	Aqueous
578346	MW-209	07/08/04	Aqueous
578347	MW-209DUP	07/08/04	Aqueous
578348	MW-341	07/08/04	Aqueous
578349	MW-123	07/08/04	Aqueous
578350	MW-223	07/08/04	Aqueous

A sample identified as MW-209DUP was received but was not listed on the chain-of-custody record. Upon notification the client instructed the laboratory to proceed with the analysis of this sample.

There were no exceptions to quality control criteria noted during the analyses of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

Leaders in Environmental Testing

Severn Trent Laboratories, Inc.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-104

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578339

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R041

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-105

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578341

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R061

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-109

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578344

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R091

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-123

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578349

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R141

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-132

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578345

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R101

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-204

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578336

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R011

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-205

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578340

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R051

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-209

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578346

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R111

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	26	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-209DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578347

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R121

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	25	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-223

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578350

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R151

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-304

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578337

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R021

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	4.3	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-339

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578338

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R031

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-340

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578342

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R071

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-341

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578348

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R131

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-342

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: 578343

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041159-R081

Level: (low/med) LOW Date Received: 07/09/04

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKY2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: ABLKY2

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041011-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y2LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: Y2LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041011-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	74	
74-84-0	Ethane	140	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y2LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix: (soil/water) WATER Lab Sample ID: Y2LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 12JUL041011-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/12/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	70	
74-84-0	Ethane	140	
74-85-1	Ethene	130	

FORM I VOA

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Matrix Spike - Sample No.: Y2LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		74	101	70-130
Ethane	140		140	100	70-130
Ethene	130		140	108	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	70	96	5	30	70-130
Ethane	140	140	100	0	30	70-130
Ethene	130	130	100	8	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKY2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101193

Lab File ID: 12JUL041011-R041 Lab Sample ID: ABLKY2

Date Analyzed: 07/12/04 Time Analyzed: 1112

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y2LCS	Y2LCS	12JUL041011-	1103
02	Y2LCSD	Y2LCSD	12JUL041011-	1107
03	MW-204	578336	12JUL041159-	1206
04	MW-304	578337	12JUL041159-	1210
05	MW-339	578338	12JUL041159-	1215
06	MW-104	578339	12JUL041159-	1221
07	MW-205	578340	12JUL041159-	1226
08	MW-105	578341	12JUL041159-	1231
09	MW-340	578342	12JUL041159-	1237
10	MW-342	578343	12JUL041159-	1242
11	MW-109	578344	12JUL041159-	1246
12	MW-132	578345	12JUL041159-	1252
13	MW-209	578346	12JUL041159-	1257
14	MW-209DUP	578347	12JUL041159-	1302
15	MW-341	578348	12JUL041159-	1308
16	MW-123	578349	12JUL041159-	1347
17	MW-223	578350	12JUL041159-	1352
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

STL

TTL Techno Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7/7/04

Sampled By: Greg Meeks Roosevelt L. Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/7/04	10:25am	MW-204	Aqueous	X		2	HCL	Methane, Ethane, Ethen
	2:10pm	MW-304	↓	↓		↓	↓	↓
↓	4:00pm	MW-339	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Mobile Lab 5:15pm 7/7/04	1 [signature] 18:10 7-8-04
2 [signature] 18:10 7-8-04	2 [signature] 7-9-04 0730
3	3

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fed Ex

Received By Lab: ____

Date/Time ____

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.7.04

Sampled By: Reggie Robinson, Frank Jurjevich

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.7	10:32	MW-104	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
	12:10	MW-205						
	1:15	MW-105						
	4:40	MW-340						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab	Received By (signed) Date/Time
1 [signature] 7.7.04 18:00 hrs.	1 [signature] 7.8.04 18:00
2 [signature] 7.8.04 18:40 hrs	2 [signature] 7.9.04 0930
3	3

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fed Ex

Received By Lab: ____

Date/Time ____

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7/8/04

Sampled By: WAM RLR

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: WAM RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/8/04	12:00	MW-342	Aqueous	X		2	HCl	Methane, Ethane, Ethene
	12:55	MW-109						
	4:20	MW-132						
	2:09	MW-209 & MW-209 DUP KD 7.8.04				4		
		~~MW-209 DUP~~ KD 7.8.04						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 7.8.04 17:00 hrs

2

3

Received by (signed) Date/Time

1 [signature] 7.9.04 0930

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.8.04

Sampled By: FRANK JUEJEVICH / REGGIE ROBINSON

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.8	11:35	MW-341	Aq	X		2	HCl	Methane Ethane Ethene
↓	2:36	MW-123		↓		↓	↓	↓
↓	5:00	MW-223						
↓		~~MW-204 Dup~~	~~↓~~	~~↓~~	~~↓~~			

0071

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg Lab

1 [signature] 7.8.04 06:12 p.m.

2

3

Received by (signed) Date/Time

1 [signature] 7.9.04 0930

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Please include w/ COC ETR 10119

McCrumb, Jeannine

From: Kidada Dixon [KDixon1@TTLInc.com]
Sent: Thursday, July 15, 2004 11:10 AM
To: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

I checked with our technician supervisor (Greg Meeks), regarding the samples you received on 7/14/04 and he said to proceed with the analyses but note in your report the difference in the temperature of the samples. Also, please proceed with analyzing MW-209dup for methane, ethane, and ethene. We will get the COC corrected and faxed to you today.

Thanks,
Kidada C. Dixon
TTL, Inc.

-----Original Message-----
From: JMcCrumb@stl-inc.com [mailto:JMcCrumb@stl-inc.com]
Sent: Thursday, July 15, 2004 10:03 AM
To: Kidada Dixon
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

4 deg C +/- 2.

-----Original Message-----
From: Kidada Dixon [mailto:KDixon1@TTLInc.com]
Sent: Thursday, July 15, 2004 10:57 AM
To: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

What is the optimum temperature for methane, ethane and ethene analyses?

Thanks,
Kidada C. Dixon
TTL, Inc.

-----Original Message-----

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

July 21, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

RECEIVED
JUL 26 2004

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101306

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 16, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0039. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/16/04 ETR No: 101306		
579027	MW-101	07/14/04	Aqueous
579028	MW-201	07/14/04	Aqueous
579029	MW-203	07/14/04	Aqueous
579030	MW-1A	07/14/04	Aqueous
579031	MW-3A	07/15/04	Aqueous
579032	MW-236C	07/15/04	Aqueous
579033	MW-236B	07/15/04	Aqueous
579034	MW-136A	07/15/04	Aqueous
579035	MW-136A DUP	07/15/04	Aqueous
579036	MW-102	07/14/04	Aqueous
579037	MW-202	07/14/04	Aqueous
579038	MW-229	07/14/04	Aqueous
579039	MW-229 DUP	07/14/04	Aqueous
579040	MW-129	07/14/04	Aqueous
579041	MW-113	07/13/04	Aqueous
579042	MW-213	07/13/04	Aqueous
579043	MW-233	07/13/04	Aqueous
579044	MW-5A	07/13/04	Aqueous
579045	MW-103	07/15/04	Aqueous
579046	MW-4A	07/15/04	Aqueous
579047	MW-4A DUP	07/15/04	Aqueous
579048	MW-234	07/13/04	Aqueous
579049	MW-134	07/13/04	Aqueous
579050	MW-133	07/13/04	Aqueous
579051	MW-2A	07/13/04	Aqueous

The chain-of-custody record included two entries for sample MW-229 yet one set of vials with this sample identification included a "DUP" suffix. The laboratory thus denoted one sample as MW-229 and one as MW-229DUP.

There were no exceptions noted during the analyses of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-101

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579027

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R011

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-102

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579036

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JUL040946-R011

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/20/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 3.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	400	
74-84-0	Ethane	12	U
74-85-1	Ethene	9.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-103

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579045

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R191

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-113

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579041

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R151

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-129

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579040

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R141

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-133

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579050

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R251

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-134

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579049

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R241

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-136A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579034

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R081

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-136A_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579035

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R091

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-1A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579030

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R041

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-201

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579028

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R021

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-202

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579037

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R111

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	3.6	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-203

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579029

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R031

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-213

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579042

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R161

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-229

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579038

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R121

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-229_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579039

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R131

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-233

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579043

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R171

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-234

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579048

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R231

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-236B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579033

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R071

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-236C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579032

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R061

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-2A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579051

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R261

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-3A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579031

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R051

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-4A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579046

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R201

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-4A_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579047

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R221

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-5A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: 579044

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041151-R181

Level: (low/med) LOW Date Received: 07/16/04

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	54	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKY7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: ABLKY7

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041001-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y7LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: Y7LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041001-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	62	
74-84-0	Ethane	120	
74-85-1	Ethene	110	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y7LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix: (soil/water) WATER Lab Sample ID: Y7LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 19JUL041001-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/19/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	68	
74-84-0	Ethane	140	
74-85-1	Ethene	120	

FORM I VOA

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Matrix Spike - Sample No.: Y7LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		62	85	70-130
Ethane	140		120	86	70-130
Ethene	130		110	85	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	68	93	9	30	70-130
Ethane	140	140	100	15	30	70-130
Ethene	130	120	92	8	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKY7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101306

Lab File ID: 19JUL041001-R041 Lab Sample ID: ABLKY7

Date Analyzed: 07/19/04 Time Analyzed: 1112

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y7LCS	Y7LCS	19JUL041001-	1102
02	Y7LCSD	Y7LCSD	19JUL041001-	1107
03	MW-101	579027	19JUL041151-	1200
04	MW-201	579028	19JUL041151-	1205
05	MW-203	579029	19JUL041151-	1210
06	MW-1A	579030	19JUL041151-	1215
07	MW-3A	579031	19JUL041151-	1220
08	MW-236C	579032	19JUL041151-	1225
09	MW-236B	579033	19JUL041151-	1231
10	MW-136A	579034	19JUL041151-	1236
11	MW-136A_DUP	579035	19JUL041151-	1241
12	MW-202	579037	19JUL041151-	1251
13	MW-229	579038	19JUL041151-	1256
14	MW-229_DUP	579039	19JUL041151-	1302
15	MW-129	579040	19JUL041151-	1339
16	MW-113	579041	19JUL041151-	1344
17	MW-213	579042	19JUL041151-	1349
18	MW-233	579043	19JUL041151-	1354
19	MW-5A	579044	19JUL041151-	1359
20	MW-103	579045	19JUL041151-	1404
21	MW-4A	579046	19JUL041151-	1410
22	MW-4A_DUP	579047	19JUL041151-	1420
23	MW-234	579048	19JUL041151-	1426
24	MW-134	579049	19JUL041151-	1431
25	MW-133	579050	19JUL041151-	1435
26	MW-2A	579051	19JUL041151-	1441
27	MW-102	579036	20JUL040946-	1007
28				
29				
30				

COMMENTS:

FORM IV VOA

TTL Technology Tradition

Sheet 11 of 12

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.13.04

Sampled By: FRANK JURJEVICH RYAN PACKER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RPR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.13	1020	MW-234	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
7.13	1145	MW-134	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
7.13	1325	MW-133	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
7.13	1555	MW-2A	Aq	X		2	HCl	METHANE, ETHANE, ETHENE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT. LAB 7.13.04 1752

2 7.15.04 19:00

3

Received by (signed) Date/Time

1 7.15.04 18:30

2 7.16.04 0915

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.15.04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0035

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.15	12:00	MW-10B	Aq	X		2	HCl	Methane Ethane Ethene
	3:30	MW-41A	↓	↓		↓	↓	↓
	3:30	MW-41A Dup	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 7.15.04 18:30
2
3

Received by (signed) Date/Time
1 [signature] 7.16.04 0915
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Fed Ex
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·13·04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RiR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·13	10:31	MW-113	Aq	X		2	HCl	Methane, Ethane, Ethene
	12:11	MW-213						
	3:01	MW-233						
	4:51	MW 5A						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time Tuscaloosa Lab

1. 7·13·04 18:00
2. 7·15·04 17:00
3.

Received by (signed) Date/Time

1. 7·15·04 18:30
2. 7·16·04 0915
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.14.04
Sampled By: Frank Jucjevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

0037

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.14	1105	MW-102	Aq	X		2	HCl	METHANE, ETHANE, ETHENE.
	1355	MW-202						
	1535	MW-227						
	1535	MW-229 Dup KAP 7.28.04						
	1715	MW-129						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] 7.14.04 1600	1 [signature] 7.15.04 1830
2 [signature] 7.15.04 1500	2 [signature] 7.16.04 0915
3	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Fed Ex
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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Sheet 1 of 1

Chain of Custody Form

Client: AL DOT
Contact: KIDADA DIXON
Mailing Address: 4154 LOMAC STREET
City, State, Zip: MONTGOMERY, AL 36106
Phone No.: 334-244-0766
Date: 7.15.04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: COLISEUM BOULEVARD PLUME INVESTIGATION
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: AL
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.15	1235	MW-3A	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
	1420	MW-236C						
	1550	MW-236B						
	1805	MW-136A						
	1805	MW-136A DUP						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 7.15.04 1852
2 7.15.04 1930
3

Received by (signed) Date/Time
1
2 7.16.04 0915
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Fed Ex
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.15.04
Sampled By: Reggie Robinson, Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RiR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete ✓ Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/14	10:16	MW-101	Aq	x		2	HCl	Methane Ethane Ethene
	11:11	MW-201						
	12:25	MW-203						
	2:35	MW-DA						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 To Mark's Lab	7.14.04 17:00	1	7.15.04 1530
2	7.15.04 19:00	2	7.16.04 0915
3		3	

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Fed Ex
Received By Lab:
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

July 23, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

RECEIVED JUL 2 2004

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101414

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 14, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0028. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/14/04 ETR No: 101256		
578721	MW-232	07/09/04	Aqueous
578722	MW-311	07/09/04	Aqueous
578723	MW-111	07/09/04	Aqueous
578724	MW-211	07/09/04	Aqueous
578725	MW-217	07/09/04	Aqueous
578726	MW-117	07/09/04	Aqueous
578727	MW-221	07/09/04	Aqueous
578728	MW-218	07/12/04	Aqueous
578729	MW-115	07/12/04	Aqueous
578730	MW-115 DUP	07/12/04	Aqueous
578731	MW-215	07/12/04	Aqueous
578732	MW-228	07/12/04	Aqueous
578733	MW-128	07/12/04	Aqueous
578734	MW-118	07/12/04	Aqueous

Please note that the analyses of the above samples were cancelled on July 15, 2004 but were reactivated on July 22, 2004. The laboratory had acquired all samples on July 15, 2004 and as such all analyses were performed within holding time.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKY5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: ABLKY5

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL040931-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-111

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578723

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R031

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-115

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578729

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R091

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-115 DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578730

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R101

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-117

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578726

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R061

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-118

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578734

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R141

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-128

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578733

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R131

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-211

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578724

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R041

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-215

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578731

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R111

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-217

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578725

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R051

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-218

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578728

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R081

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-221

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578727

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R071

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-228

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578732

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R121

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-232

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578721

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R011

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TILINC SAMPLE NO.

MW-311

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: 578722

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL041045-R021

Level: (low/med) LOW Date Received: 07/14/04

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y5LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: Y5LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL040931-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	70	
74-84-0	Ethane	150	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y5LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix: (soil/water) WATER Lab Sample ID: Y5LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 15JUL040931-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/15/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	79	
74-84-0	Ethane	150	
74-85-1	Ethene	140	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Matrix Spike - Sample No.: Y5LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		70	96	70-130
Ethane	140		150	107	70-130
Ethene	130		140	108	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	79	108	12	30	70-130
Ethane	140	150	107	0	30	70-130
Ethene	130	140	108	0	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKY5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101414

Lab File ID: 15JUL040931-R041 Lab Sample ID: ABLKY5

Date Analyzed: 07/15/04 Time Analyzed: 1022

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y5LCS	Y5LCS	15JUL040931-	1012
02	Y5LCSD	Y5LCSD	15JUL040931-	1017
03	MW-232	578721	15JUL041045-	1117
04	MW-311	578722	15JUL041045-	1122
05	MW-111	578723	15JUL041045-	1127
06	MW-211	578724	15JUL041045-	1133
07	MW-217	578725	15JUL041045-	1138
08	MW-117	578726	15JUL041045-	1143
09	MW-221	578727	15JUL041045-	1149
10	MW-218	578728	15JUL041045-	1154
11	MW-115	578729	15JUL041045-	1158
12	MW-115 DUP	578730	15JUL041045-	1204
13	MW-215	578731	15JUL041045-	1209
14	MW-228	578732	15JUL041045-	1214
15	MW-128	578733	15JUL041045-	1220
16	MW-118	578734	15JUL041045-	1225
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: KIDADA DIXON

Mailing Address: 4154 LOMAC STREET

City, State, Zip: MONTGOMERY, AL 36106

Phone No.: 334-244-0766

Date: 7-12-04

Sampled By: FRANK JURJEVICH

Sample Site: COLISEUM BOULEVARD PLUME INVESTIGATION

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REP
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____ ; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7-12	1025	MW-228	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
↓	1140	MW-128	↓	↓		↓	↓	↓
↓	1340	MW-118	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TOMONT LMB 7-12-04 1515	1 7-12-04 17:00
2 7-12-04 17:30	2 7-14-04 0915
3	3

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fed Ex

Received By Lab: ____

Date/Time ____

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

0022

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·12·04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REK
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·12	10:41	MW-218	Aq	X		2	HCl	Methane, Ethane, Ethene
	11:56	MW-115						
	11:56	MW-115 Dup						
	2:11	MW-215						

0023

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mobile Lab

1 [signature] 7.12.04 12:00

2 [signature] 7·12·04 17:30

3

Received by (signed) Date/Time

1 [signature] 7·12·04 17:30

2 [signature] 7.14.04 0915

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·9·04

Sampled By: FRANK JUEJEVICH / REGGIE ROBINSON

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.9	12:35p	MW-217	Aq	x		2	HCl	METHANE, ETHANE, ETHENE
↓	2:10p	MW-117	↓	↓		↓	↓	↓
↓	4:10p	MW-221	↓	↓		↓	↓	↓

0024

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MGMT. LAB

1 7/7/04 1730

2 7·12·04 17:30

3

Received by (signed) Date/Time

1 7·12·04 17:00

2 7.14.04 0915

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.9.04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.9	10:35	MW-232	Ag	X		2	HCl	Methane, Ethane, Ethene
	12:25	MW-311						
	1:35	MW-111						
	3:25	MW-211						

0025

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montgomery Lab

1. [signature] 7-09-04 17:00
2. [signature] 7:12-04 17:30
3.

Received by (signed) Date/Time

1. [signature] 7.12.04 17:00
2. [signature] 7.14.04 0915
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

Please include w/COC
ETR ~~101256~~
101414 7/22/04

McCrumb, Jeannine

From: Kidada Dixon [KDixon1@TTLInc.com]
Sent: Thursday, July 15, 2004 11:10 AM
To: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

I checked with our technician supervisor (Greg Meeks), regarding the samples you received on 7/14/04 and he said to proceed with the analyses but note in your report the difference in the temperature of the samples. Also, please proceed with analyzing MW-209dup for methane, ethane, and ethene. We will get the COC corrected and faxed to you today.

Thanks,
Kidada C. Dixon
TTL, Inc.

-----Original Message-----
From: JMcCrumb@stl-inc.com [mailto:JMcCrumb@stl-inc.com]
Sent: Thursday, July 15, 2004 10:03 AM
To: Kidada Dixon
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

4 deg C +/- 2.

-----Original Message-----
From: Kidada Dixon [mailto:KDixon1@TTLInc.com]
Sent: Thursday, July 15, 2004 10:57 AM
To: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

What is the optimum temperature for methane, ethane and ethene analyses?

Thanks,
Kidada C. Dixon
TTL, Inc.

-----Original Message-----

Please include w/coc
ETR ~~101256~~ 101414 7/22/04

McCrumb, Jeannine

From: Kidada Dixon [KDixon1@TTLInc.com]
ent: Thursday, July 15, 2004 5:39 PM
To: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

Importance: High

Jeannine,
I was just informed by my boss that she does not want the samples received on 7/14/04, to be analyzed. I hope that this does not pose a problem. If possible, please provide me with a list of wells that were shipped to you on 7/14/04, for verification purposes. We plan to re-sample these wells and ship them to you overnight soon.

Thanks,
Kidada C. Dixon
TTL, Inc.

----Original Message-----
From: JMcCrumb@stl-inc.com [mailto:JMcCrumb@stl-inc.com]
Sent: Thursday, July 15, 2004 10:13 AM
To: Kidada Dixon
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

Okay, thanks.

-----Original Message-----
From: Kidada Dixon [mailto:KDixon1@TTLInc.com]
Sent: Thursday, July 15, 2004 11:10 AM
To: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

I checked with our technician supervisor (Greg Meeks), regarding the samples you received on 7/14/04 and he said to proceed with the analyses but note in your report the difference in the temperature of the samples. Also, please proceed with analyzing MW-209dup for methane, ethane, and ethene. We will get the COC corrected and faxed to you today.

Thanks,
Kidada C. Dixon
TTL, Inc.

Please file w/coc
ETR 101414

McCrumb, Jeannine

From: Kidada Dixon [KDixon1@TTLInc.com]
ent: Thursday, July 22, 2004 9:38 AM
To: McCrumb, Jeannine
Subject: RE: ETR 101256 prelim results

Jeannie,
Good morning. I left a message on your voice mail this morning regarding this email. Based on historical analytical results collected from the thirteen monitoring wells (see list below) that ground water samples were received outside of the optimum temperature range, and the preliminary results you provided below, we have decided not to resample these wells. We would like for you to proceed with the quality control procedures for these monitoring wells in order to produce a final report. If you have any questions, please feel free to contact me.

Thanks,
Kidada C. Dixon
TTL, Inc.

-----Original Message-----
rom: JMcCrumb@stl-inc.com [mailto:JMcCrumb@stl-inc.com]
Sent: Wednesday, July 21, 2004 12:39 PM
To: Kidada Dixon
Subject: ETR 101256 prelim results

Kidada -

The analyst said that all samples appear to be ND.

Jeannine

-----Original Message-----
From: McCrumb, Jeannine
Sent: Friday, July 16, 2004 9:02 AM
To: 'Kidada Dixon'
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

Not this time but in the future I will probably need to charge 30% of cost for work completed.

Jeannine

-----Original Message-----
From: Kidada Dixon [mailto:KDixon1@TTLInc.com]
ent: Friday, July 16, 2004 9:01 AM
o: McCrumb, Jeannine
Subject: RE: sample receipt info for samples received by STL Burlington on 7/9 (ETR 101193) and 7/14 (ETR 101256)

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

RECEIVED
AUG 2 2004

July 27, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101387

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 21, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0032. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/21/04 ETR No: 101387		
579597	MW-210	07/20/04	Aqueous
579598	MW-124	07/20/04	Aqueous
579599	MW-124DUP	07/20/04	Aqueous
579600	MW-224	07/20/04	Aqueous
579601	MW-125	07/20/04	Aqueous
579602	MW-122	07/16/04	Aqueous
579603	MW-122 DUP	07/16/04	Aqueous
579604	MW-222	07/16/04	Aqueous
579605	MW-231	07/16/04	Aqueous
579606	MW-131	07/16/04	Aqueous
579607	MW-112	07/16/04	Aqueous
579608	MW-220	07/19/04	Aqueous
579609	MW-214A	07/19/04	Aqueous
579610	MW-216	07/19/04	Aqueous
579611	MW-216 DUP	07/19/04	Aqueous
579612	MW-116	07/19/04	Aqueous
579613	MW-212	07/19/04	Aqueous
579614	MW-219	07/19/04	Aqueous

There were no exceptions noted during the analyses of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y9LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: Y9LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JUL041423-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/22/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	69	
74-84-0	Ethane	130	
74-85-1	Ethene	120	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Y9LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: Y9LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JUL041423-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/22/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	69	
74-84-0	Ethane	140	
74-85-1	Ethene	130	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKY9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: ABLKY9

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JUL041423-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/22/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-112

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579607

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R271

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TILINC SAMPLE NO.

MW-116

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579612

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R321

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	67	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-122

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579602

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R221

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC. SAMPLE NO.

MW-122DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579603

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R231

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-231

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579605

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R251

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix Spike - Sample No.: Y9LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		69	94	70-130
Ethane	140		130	93	70-130
Ethene	130		120	92	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	69	94	0	30	70-130
Ethane	140	140	100	7	30	70-130
Ethene	130	130	100	8	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKY9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Lab File ID: 22JUL041423-R041 Lab Sample ID: ABLKY9

Date Analyzed: 07/22/04 Time Analyzed: 1649

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y9LCS	Y9LCS	22JUL041423-	1640
02	Y9LCSD	Y9LCSD	22JUL041423-	1645
03	MW-210	579597	23JUL040825-	1015
04	MW-124	579598	23JUL040825-	1020
05	MW-124DUP	579599	23JUL040825-	1025
06	MW-224	579600	23JUL040825-	1031
07	MW-125	579601	23JUL040825-	1035
08	MW-122	579602	23JUL040825-	1046
09	MW-122DUP	579603	23JUL040825-	1051
10	MW-222	579604	23JUL040825-	1056
11	MW-231	579605	23JUL040825-	1102
12	MW-131	579606	23JUL040825-	1107
13	MW-112	579607	23JUL040825-	1111
14	MW-220	579608	23JUL040825-	1117
15	MW-214A	579609	23JUL040825-	1122
16	MW-216	579610	23JUL040825-	1127
17	MW-216DUP	579611	23JUL040825-	1133
18	MW-116	579612	23JUL040825-	1138
19	MW-212	579613	23JUL040825-	1143
20	MW-219	579614	23JUL040825-	1148
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

STL

T.L Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.20.04

Sampled By: FRANK JURTEVICH / RYAN PACKER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0027

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.20	1145	MW-21D	Aq	X		HCl		METHANE, ETHANE, ETHENE
	1335	MW-124						
	1335	MW-124 Dup.						
	1615	MW-224						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONTLAB 7.20.04 1730

2 7.20.04 18:30

3

Received by (signed) Date/Time

1 7.20.04 18:00

2 7.21.04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed-Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TILINC SAMPLE NO.

MW-125

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579601

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R201

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-131

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579606

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R261

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-210

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579597

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R161

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	37	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-212

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579613

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R331

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-214A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579609

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R291

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-216

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579610

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R301

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-216DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579611

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R311

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-219

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579614

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R341

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-220

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579608

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R281

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-231

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix: (soil/water) WATER Lab Sample ID: 579605

Sample wt/vol: _____ (g/mL) ML Lab File ID: 23JUL040825-R251

Level: (low/med) LOW Date Received: 07/21/04

% Moisture: not dec. _____ Date Analyzed: 07/23/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Matrix Spike - Sample No.: Y9LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		69	94	70-130
Ethane	140		130	93	70-130
Ethene	130		120	92	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	69	94	0	30	70-130
Ethane	140	140	100	7	30	70-130
Ethene	130	130	100	8	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKY9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101387

Lab File ID: 22JUL041423-R041 Lab Sample ID: ABLKY9

Date Analyzed: 07/22/04 Time Analyzed: 1649

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Y9LCS	Y9LCS	22JUL041423-	1640
02	Y9LCSD	Y9LCSD	22JUL041423-	1645
03	MW-210	579597	23JUL040825-	1015
04	MW-124	579598	23JUL040825-	1020
05	MW-124DUP	579599	23JUL040825-	1025
06	MW-224	579600	23JUL040825-	1031
07	MW-125	579601	23JUL040825-	1035
08	MW-122	579602	23JUL040825-	1046
09	MW-122DUP	579603	23JUL040825-	1051
10	MW-222	579604	23JUL040825-	1056
11	MW-231	579605	23JUL040825-	1102
12	MW-131	579606	23JUL040825-	1107
13	MW-112	579607	23JUL040825-	1111
14	MW-220	579608	23JUL040825-	1117
15	MW-214A	579609	23JUL040825-	1122
16	MW-216	579610	23JUL040825-	1127
17	MW-216DUP	579611	23JUL040825-	1133
18	MW-116	579612	23JUL040825-	1138
19	MW-212	579613	23JUL040825-	1143
20	MW-219	579614	23JUL040825-	1148
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.20.04

Sampled By: FRANK JURJEVICH / RYAN PACLER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.20	1145	MW-21D	Aq	X		HCl		METHANE, ETHANE, ETHENE
	1335	MW-124						
	1335	MW-124 Dup.						
	1615	MW-224						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONTLAB 7.20.04 1730

2 7.20.04 18:30

3

Received by (signed) Date/Time

1 7.20.04 18:00

2 7.21.04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed-Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·20·04

Sampled By: Reggie Robinson Roseveltt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: 4° °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·20	2:15	MW-125	Ag	X		2	HCl	MEthane Ethane Ethene

0028

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 [signature] 7·20·04 16:30

2 [signature] 7·20·04 18:30

3

Received by (signed) Date/Time

1 [signature] 7·20·04 18:00

2 [signature] 7.21.04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed-Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

SIL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·16·04

Sampled By: Reggie Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: 4°C °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-16	1:00	MW-122	Aq	X		2	HCl	Methane Ethane Ethene
↓	1:00	MW-122 Dup	↓	↓		↓	↓	↓
↓	3:10	MW-222	↓	↓		↓	↓	↓

0029

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 [signature] 7·16·04 17:30

2 [signature] 7·20·04 18:30

3

Received by (signed) Date/Time

1 [signature] 7·20·04 18:00

2 [signature] 7.21.04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.16.04

Sampled By: Frank Juczurh Ryan Packer

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: ~~[illegible]~~ RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0030

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.16	1200	MW-231	Aq	x		2	HCl	Methane, Ethane, Ethene
↓	1416	MW-131	↓	↓		↓	↓	↓
↓	1550	MW-112	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] TO MONTLAB. 7.16.04 1924

2 [signature] 7.20.04 18:30

3

Received by (signed) Date/Time

1 [signature] 7.20.04 18:00

2 [signature] 7.21.04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·19·04

Sampled By: Reggie Robinson Roseveltt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·19	11:50	MW-220	Aq	X		2	HCl	MEthane, Ethane, Ethene
	1:35	MW-214A						
	3:40	MW-216						
	3:40	MW-216 DUP						
	6:15	MW-116						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time To Montg Lab	Received by (signed)	Date/Time
1 [signature]	7·19·04 19:30	1 [signature]	7·20·04 18:00
2 [signature]	7·20·04 18:30	2 [signature]	7.21.04 0930
3		3	

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

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STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7-19-04

Sampled By: FRANK JURJEVICH / RYAN PARKER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0032

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-19	1145	MW-212	Aq	x		2	HCl	METHANE, ETHANE, ETHENE
↓	1420	MW-219	↓	↓		↓	↓	
FJJ ↓	~~1555~~	~~MW-210~~	↓	↓		↓	↓	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT LAB 7-19-04 1718

2 7-20-04 18:30

3

Received by: (signed) Date/Time

1 7-20-04 18:00

2 7-21-04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

August 2, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

RECEIVED
AUG 9 2004

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101525

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 27, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0021. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/27/04 ETR No: 101525		
580404	CMT 1-1	07/26/04	Aqueous
580405	CMT 1-2	07/26/04	Aqueous
580406	CMT 1-3	07/26/04	Aqueous
580407	MW-238C	07/26/04	Aqueous
580408	MW-138A	07/26/04	Aqueous
580409	MW-235B	07/23/04	Aqueous
580410	MW-235C	07/23/04	Aqueous
580411	MW-237B	07/23/04	Aqueous
580412	MW-237C	07/23/04	Aqueous

There were no exceptions to quality control criteria noted during the analyses of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P	ICP-AES
MS	ICP-MS
CV	Cold Vapor AA
AS	Semi-Automated Spectrophotometric

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT1-1

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580404

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R011

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	20	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT1-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580405

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R021

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	76	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT1-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580406

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R031

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	15	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-138A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580408

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R051

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-235C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580410

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R071

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-237B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580411

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R081

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TILINC SAMPLE NO.

MW-237C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580412

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R091

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-238C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580407

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R041

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-235B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: 580409

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041048-R061

Level: (low/med) LOW Date Received: 07/27/04

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKZ4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: ABLKZ4

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL040915-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Z4LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: Z4LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041015-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	67	
74-84-0	Ethane	130	
74-85-1	Ethene	120	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Z4LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix: (soil/water) WATER Lab Sample ID: Z4LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 29JUL041015-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/29/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	60	
74-84-0	Ethane	110	
74-85-1	Ethene	100	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Matrix Spike - Sample No.: Z4LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		67	92	70-130
Ethane	140		130	93	70-130
Ethene	130		120	92	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	60	82	11	30	70-130
Ethane	140	110	78	18	30	70-130
Ethene	130	100	77	18	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKZ4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101525

Lab File ID: 29JUL040915-R041 Lab Sample ID: ABLKZ4

Date Analyzed: 07/29/04 Time Analyzed: 1008

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Z4LCS	Z4LCS	29JUL041015-	1035
02	Z4LCSD	Z4LCSD	29JUL041015-	1039
03	CMT1-1	580404	29JUL041048-	1103
04	CMT1-2	580405	29JUL041048-	1108
05	CMT1-3	580406	29JUL041048-	1113
06	MW-238C	580407	29JUL041048-	1119
07	MW-138A	580408	29JUL041048-	1124
08	MW-235B	580409	29JUL041048-	1128
09	MW-235C	580410	29JUL041048-	1134
10	MW-237B	580411	29JUL041048-	1139
11	MW-237C	580412	29JUL041048-	1144
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

STL

TTL Technical Trade

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·26·04

Sampled By: Reggie Robinson Roseveltt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
726	3:34	CMT 1-1	Ag	X		2	HCl	Methane, Ethane, Ethene
↓	3:10	CMT 1-2	↓	↓		↓		
↓	2:53	CMT 1-3	↓	↓		↓		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 7·26·04 1:8:00	1 7-27-04 1600
2	2
3	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: ~~BUS~~ RER Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·26·04

Sampled By: Frank Juicjevich / Ryan Parker

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RiR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·26	1145	MW-238C	Aq.	X		2	HCl	Methane, Ethane, Ethene.
7·26	1310	MW-138A	Aq.	X		2	HCl	Methane, Ethane, Ethene.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 To Mont. Lab 7·26·04 1640

2 [illegible] 7·26·04 18:00

3

Received by (signed) Date/Time

1 [illegible] 7·27·04, 1600

2 [illegible] Busa 7·27·04/1600

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7/23/04

Sampled By: Roosevelt Robinson Reggie Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RIR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/23/04	10:30 AM	MW-235B	Aq	X		2	HCl	Methane, Ethane, Ethene
↓	12:05 PM	MW-235C	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Man. Lab

1 [signature] 7-23-04 15:30

2 [signature] 7-26-04 15:00

3

Received by (signed) Date/Time

1 [signature] 7-23-04 1630

2 [signature] 7-26-04 1600

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technical Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·23·04

Sampled By: Frank Jurevich / Ryan Packer

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.23	1105	MW-237B	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
↓	1535	MW-237C	↓	↓		2	HCl	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT LAB 7.23.04 1630

2 7.26.04 1800

3

Received by (signed) Date/Time

1 7.26.04 1430

2 7.27.04 0700

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

RECEIVED
AUG 13

August 9, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101427 ***Revised***

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 20, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0026. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/20/04 ETR No: 101427		
579872	MW-207	07/22/04	Aqueous
579873	MW-107	07/22/04	Aqueous
579874	MW-137A	07/22/04	Aqueous
579875	MW-225	07/21/04	Aqueous
579876	MW-230	07/21/04	Aqueous
579877	MW-130	07/21/04	Aqueous
579878	MW-226	07/21/04	Aqueous
579879	MW-227	07/21/04	Aqueous
579880	MW-208	07/21/04	Aqueous
579881	MW-108	07/21/04	Aqueous
579882	MW-206	07/22/04	Aqueous
579883	MW-106	07/22/04	Aqueous
579884	MW-106 DUP	07/22/04	Aqueous
579885	MW-135A	07/22/04	Aqueous

There were no exceptions to quality control criteria noted during the analyses of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FQA009:08.22.03:0
STL Burlington

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-106

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579883

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R131

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-106_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579884

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R141

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-107

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579873

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R031

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-108

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579881

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R111

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-130

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579877

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R071

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-135A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579885

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R151

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-137A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579874

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R041

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-206

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579882

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R121

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-207

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579872

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R021

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-208

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579880

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R101

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-225

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579875

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R051

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-226

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579878

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R081

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-227

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579879

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R091

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-230

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: 579876

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R061

Level: (low/med) LOW Date Received: 07/23/04

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVTB SAMPLE NO.

ABLKZ2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: ABLKZ2

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041132-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVTB SAMPLE NO.

Z2LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: Z2LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041132-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	73	
74-84-0	Ethane	110	
74-85-1	Ethene	95	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVTB SAMPLE NO.

Z2LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix: (soil/water) WATER Lab Sample ID: Z2LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 27JUL041212-R011

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 07/27/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	68	
74-84-0	Ethane	120	
74-85-1	Ethene	100	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Matrix Spike - STLILC Sample No.: Z2LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		73	100	70-130
Ethane	140		110	78	70-130
Ethene	130		95	73	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	68	93	7	30	70-130
Ethane	140	120	86	10	30	70-130
Ethene	130	100	77	5	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLILC SAMPLE NO.

ABLKZ2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: 24033 SAS No.: SDG No.: 101427

Lab File ID: 27JUL041132-R041 Lab Sample ID: ABLKZ2

Date Analyzed: 07/27/04 Time Analyzed: 1204

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLILC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Z2LCS	Z2LCS	27JUL041132-	1154
02	Z2LCSD	Z2LCSD	27JUL041212-	1230
03	MW-207	579872	27JUL041212-	1255
04	MW-107	579873	27JUL041212-	1300
05	MW-137A	579874	27JUL041212-	1305
06	MW-225	579875	27JUL041212-	1310
07	MW-230	579876	27JUL041212-	1315
08	MW-130	579877	27JUL041212-	1320
09	MW-226	579878	27JUL041212-	1326
10	MW-227	579879	27JUL041212-	1331
11	MW-208	579880	27JUL041212-	1336
12	MW-108	579881	27JUL041212-	1342
13	MW-206	579882	27JUL041212-	1346
14	MW-106	579883	27JUL041212-	1351
15	MW-106_DUP	579884	27JUL041212-	1357
16	MW-135A	579885	27JUL041212-	1402
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

STL

TTL

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·22·04

Sampled By: Frank Jurgenich / Ryan Packel

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RPR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·22	1100	MW·207	Aq	X		2	HCl	METHANE, ETHANE, ETHENE
	1230	MW·107	↓	↓		↓	↓	↓
	1425	MW·137A						

0023

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT LAB 7·22·04 1700

2 7·22·04 18:30

3

Received by (signed) Date/Time

1 7·22·04 18:00

2 7·23·04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed-Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.21.04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.21	11:30	MW-225	Ag	x		2	HCl	Methane, Ethane, Ethene
↓	1:50	MW-230	↓	↓		↓	↓	↓
	4:25	MW-130						

0024

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature]	To Montg. Lab 7.21.04 12:30	1 [signature]	7.22.04 18:00
2 [signature]	7.22.04 18:30	2 [signature]	7.23.04 8:00
3		3	

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kisada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.21.04

Sampled By: Frank Jurgerich / Ryan Packer

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RIR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp.			
7.21	1135	MW-226	Aq	X		2	HCl	Methane, Ethane, Ethene
↓	1355	MW-227	↓	↓		↓	↓	↓
	1545	MW-208						
	1625	MW-108						

0025

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 Tommy Lair 7.21.04 1745	1 7.22.04 18:00
2 7.22.04 18:30	2 7/23/04 0800
3	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed-Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7·22·04

Sampled By: Reggie Robinson Roseveltt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·22	12:10	MW-206	Aq	X		2	HCl	Methane, Ethane Ethene
	1:40	MW-106						
	1:40	MW-106 Duplicates						
	3:40	MW-135A						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab

1. 7·22·04 17:00
2. 7·22·04 18:30
3.

Received by (signed) Date/Time

1. 7·22·04 18:00
2. 7·23·04 10:30
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed-Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

0026

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

RECEIVED
AUG 16 2004

August 9, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101561

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on July 30, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0029. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 07/30/04 ETR No: 101561		
580636	MW-238B	07/27/04	Aqueous
580637	CMT 1-5	07/27/04	Aqueous
580638	CMT 1-6	07/27/04	Aqueous
580639	CMT 1-7	07/27/04	Aqueous
580640	CMT 4-2	07/28/04	Aqueous
580641	CMT 4-3	07/28/04	Aqueous
580642	CMT 4-4	07/28/04	Aqueous
580643	CMT 3-3	07/28/04	Aqueous
580644	CMT 3-2	07/28/04	Aqueous
580645	CMT 4-5	07/29/04	Aqueous
580646	CMT 4-6	07/29/04	Aqueous
580647	CMT 4-7	07/29/04	Aqueous
580648	CMT 3-4	07/29/04	Aqueous
580649	CMT 3-5	07/29/04	Aqueous
580650	CMT 3-6	07/29/04	Aqueous

There were no exceptions noted during the analyses of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FQA009:08.22.03:0
STL Burlington

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_1-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580637

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R331

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	140	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_1-6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580638

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R341

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	27	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_1-7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580639

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R351

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	4.8	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_3-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580644

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R401

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_3-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580643

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R391

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_3-4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580648

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R451

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_3-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580649

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041124-R011

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_3-6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580650

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R471

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_4-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580640

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R361

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_4-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580641

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R371

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	47	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_4-4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580642

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R381

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	21	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_4-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580645

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R421

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	57	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_4-6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580646

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R431

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	11	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_4-7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580647

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R441

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	9.4	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

MW-238B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: 580636

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041908-R321

Level: (low/med) LOW Date Received: 07/30/04

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKZ9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: ABLKZ9

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041801-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Z9LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: Z9LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041801-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	74	
74-84-0	Ethane	140	
74-85-1	Ethene	130	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Z9LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix: (soil/water) WATER Lab Sample ID: Z9LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041801-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	63	
74-84-0	Ethane	130	
74-85-1	Ethene	120	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Matrix Spike - Sample No.: Z9LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		74	101	70-130
Ethane	140		140	100	70-130
Ethene	130		130	100	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	63	86	16	30	70-130
Ethane	140	130	93	7	30	70-130
Ethene	130	120	92	8	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKZ9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101561

Lab File ID: 03AUG041801-R041 Lab Sample ID: ABLKZ9

Date Analyzed: 08/03/04 Time Analyzed: 1829

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Z9LCS	Z9LCS	03AUG041801-	1818
02	Z9LCSD	Z9LCSD	03AUG041801-	1823
03	MW-238B	580636	03AUG041908-	2203
04	CMT_1-5	580637	03AUG041908-	2208
05	CMT_1-6	580638	03AUG041908-	2214
06	CMT_1-7	580639	03AUG041908-	2218
07	CMT_4-2	580640	03AUG041908-	2223
08	CMT_4-3	580641	03AUG041908-	2229
09	CMT_4-4	580642	03AUG041908-	2234
10	CMT_3-3	580643	03AUG041908-	2239
11	CMT_3-2	580644	03AUG041908-	2245
12	CMT_4-5	580645	03AUG041908-	2254
13	CMT_4-6	580646	03AUG041908-	2300
14	CMT_4-7	580647	03AUG041908-	2305
15	CMT_3-4	580648	03AUG041908-	2310
16	CMT_3-6	580650	03AUG041908-	2321
17	CMT_3-5	580649	04AUG041124-	1142
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

SIL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.27.04

Sampled By: FRANK JUCZEVICH / RYAN PARKER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.27	1150	MW-238B	Aq.	X		2	HCl	METHANE, ETHANE, ETHENE

0024

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 7/27/04 1335
2. [signature] 7.27.04 18:00
3.

Received by (signed) Date/Time

1. [signature] 7.28.04 17.00
2. [signature] 7.30.04 0930
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed. Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.27.04

Sampled By: Reggie Robinson Roosevelt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.27	11:35	CMT 1-5	Air	X		2	HCl	Methane, Ethane, Ethene
↓	12:10	CMT 1-6	↓	↓		↓	↓	↓
↓	10:35	CMT 1-7	↓	↓		↓	↓	↓

0025

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 To Montgomery, AL	7.27.04 15:30	1	7.29.04 17:00
2	7.29.04 18:00	2	7.30.04 0930
3		3	

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7/28/04

Sampled By: RLR

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: R+R
3. Initial Contents Temp.: 4 °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/28/04	12:40pm	CMT 4-2	Aqueous	X		2	HCl	Methane, Ethane, Ethene
	2:05pm	CMT 4-3	↓	↓		↓	↓	↓
	4:10pm	CMT 4-4	↓	↓		↓	↓	↓

0020

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Montgomery Lab 5:00 pm 7/28/04	1 7-29-04 17:00
2 7-29-04 18:00	2 07/30/04 0930
3	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.28.04

Sampled By: Gordon Jurcevich / Ryan Parker

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.28	1250	CMT-3-3	Aq	X		HCl 2	HCl	METHANE, ETHANE, ETHENE
↓	1335	CMT 3-2	↓	X		↓ 2	HCl	↓

0027

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONTLAB 7/28/04 1710	1 7.29.04 17:00
2 7.29.04 18:00	2 07303010073030
3	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

STL

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.29.04

Sampled By: Reggie Robinson/ Roseveltt Robinson

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RCR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.29	12:39	CMT 4-5	Ag	X		2	HCl	Methane, Ethane, Ethene
↓	12:33	CMT 4-6	↓	↓		↓	↓	↓
↓	2.52	CMT 4-7	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. [signature] 7.29.04 15:00
2.
3.

Received by (signed) Date/Time

1. [signature] 07.30 0930
2. [signature] 07.30.04 0930
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
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STL

TTL Technology Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7.29.04

Sampled By: Frank Turjevich / Ryan Packer

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RAP
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.29	1210	CMT 3-4	Aq.	X		2	HCl	Methane, Ethane, Ethene
↓	1315	CMT 3-5	↓	↓		↓	↓	↓
↓	1545	CMT 3-6	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT. LAB 7.29.04 1645

2 7.29.04 18:00

3

Received by (signed) Date/Time

1 7.29.04 1900

2 7.30.04 0930

3 7.30.04 0930

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

SEVERN TRENT STL

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

August 11, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac St.
Montgomery, AL 36106

RECEIVED
AUG 16 2004

Re: Laboratory Project No. 24033
Case No. 24033; ETR 101625

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on August 4, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0020. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 08/04/04 ETR No: 101625		
581063	CMT 2-1	07/30/04	Aqueous
581064	CMT 2-2	07/30/04	Aqueous
581065	CMT 2-3	07/30/04	Aqueous
581066	CMT 2-4	07/30/04	Aqueous
581067	CMT 2-5	07/30/04	Aqueous
581068	CMT 2-6	07/30/04	Aqueous
581069	CMT 2-7	07/30/04	Aqueous

There were no exceptions noted during the analysis of the above samples.

The analytical results presented in this data report were generated under a quality system that adheres to the requirements specified in the NELAC standard. This report shall not be reproduced, except in full, without the written approval of the laboratory. The release of the data in this report is authorized by the Laboratory Director or his designee, as verified by the following signature.

If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jmm

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified in project QA plan, the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-1

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581063

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041348-R071

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581064

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041348-R081

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581065

Sample wt/vol: _____ (g/mL) ML Lab File ID: 06AUG041333-R011

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/06/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581066

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041348-R101

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	3.5	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581067

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041348-R111

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581068

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041348-R121

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT_2-7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: 581069

Sample wt/vol: _____ (g/mL) ML Lab File ID: 04AUG041348-R131

Level: (low/med) LOW Date Received: 08/04/04

% Moisture: not dec. _____ Date Analyzed: 08/04/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.6	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKA2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: ABLKA2

Sample wt/vol: _____ (g/mL) ML Lab File ID: 05AUG041713-R051

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/05/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKZ9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: ABLKZ9

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041801-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	2.0	U
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

A2LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: A2LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 05AUG041713-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/05/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	67	
74-84-0	Ethane	120	
74-85-1	Ethene	100	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

A2LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: A2LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 05AUG041713-R061

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/05/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	78	
74-84-0	Ethane	110	
74-85-1	Ethene	100	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Z9LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: Z9LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041801-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	74	
74-84-0	Ethane	140	
74-85-1	Ethene	130	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Z9LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix: (soil/water) WATER Lab Sample ID: Z9LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 03AUG041801-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/03/04

GC Column: RTUPLOT ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-82-8	Methane	63	
74-84-0	Ethane	130	
74-85-1	Ethene	120	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix Spike - Sample No.: A2LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		67	92	70-130
Ethane	140		120	86	70-130
Ethene	130		100	77	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	78	107	15	30	70-130
Ethane	140	110	78	10	30	70-130
Ethene	130	100	77	0	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS:

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Matrix Spike - Sample No.: Z9LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		74	101	70-130
Ethane	140		140	100	70-130
Ethene	130		130	100	70-130

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Methane	73	63	86	16	30	70-130
Ethane	140	130	93	7	30	70-130
Ethene	130	120	92	8	30	70-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike Recovery: 0 out of 6 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKA2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Lab File ID: 05AUG041713-R051 Lab Sample ID: ABLKA2

Date Analyzed: 08/05/04 Time Analyzed: 1756

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	A2LCS	A2LCS	05AUG041713-	1744
02	A2LCSD	A2LCSD	05AUG041713-	1802
03	CMT_2-3	581065	06AUG041333-	1345
04				
05				
06				
07				
08				
09				
10				
11				
12				
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30				

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

ABLKZ9

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVT Case No.: SAS No.: SDG No.: 101625

Lab File ID: 03AUG041801-R041 Lab Sample ID: ABLKZ9

Date Analyzed: 08/03/04 Time Analyzed: 1829

GC Column: RTUPLOT ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 2866_1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	Z9LCS	Z9LCS	03AUG041801-	1818
02	Z9LCSD	Z9LCSD	03AUG041801-	1823
03	CMT_2-1	581063	04AUG041348-	1433
04	CMT_2-2	581064	04AUG041348-	1438
05	CMT_2-4	581066	04AUG041348-	1448
06	CMT_2-5	581067	04AUG041348-	1453
07	CMT_2-6	581068	04AUG041348-	1458
08	CMT_2-7	581069	04AUG041348-	1504
09				
10				
11				
12				
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29				
30				

COMMENTS:

STL

TTL Technical Treasures

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7/30/04

Sampled By: FIJ RCR

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RCR
3. Initial Contents Temp.: 1 C8 °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

0020

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/30	1120	CMT 2-1	Aq.	X		2	HCl	METHANE, ETHANE, ETHENE
	1201	CMT 2-2						
	1155	CMT 2-3						
	1025	CMT 2-4						
	1310	CMT 2-5						
	1324	CMT 2-6						
	1335	CMT 2-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 TO MONT. LAB 7/30/04 1500

2 8-2-04 18.30

3

Received by (signed) Date/Time

1 8-2-04 18.30

2

3 Angela Patmond 08.04.04 0930

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fed Ex

Received By Lab:

Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MP-1
TTL Lab Number: 040716025-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	2.2	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	3.6	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	89.3	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MP-2
TTL Lab Number: 040716025-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	28.3	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CP-1
TTL Lab Number: 040716025-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	17.5	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CP-2
TTL Lab Number: 040716025-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	6.2	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CP-3
TTL Lab Number: 040716025-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	2.4	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CP-1/2/3/MP-1/2
TTL Lab Number: 040716025-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

WORK
ORDER NUMBER
040716025

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address: 4154 LOMAC ST.
City, State, Zip: Montg. AL 36109
Phone No.: (334) 244-0766
Date: 7-15-03
Sampled By: WGM
Sample Site: Coliseum Blvd Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RCR
3. Initial Contents Temp.: ICE °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-15-04	10:30A	MP-1	Aqueous	✓		3	HCl, ICE	VOC
	10:35	MP-2						
	10:40	CP-1						
	11:00A	CP-2						
	11:15A	CP-3						
		BLANKS						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1. 7-15-04 12pm to Montg. Lab
2. 7-15-04 BUS 1945
3. 7-16-04 8:45

Received by (signed) Date/Time

1. 7-15-04 19:00
2. 7-16-4 8:30
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Linda Walker
Date/Time 7/16/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Treated Water
Sampled By: TTL Personnel (MMM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: TW7.22.04-1
TTL Lab Number: 040723040-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Treated Water
Sampled By: TTL Personnel (MMM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: TW7.22.04-3
TTL Lab Number: 040723040-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ Treated Water
TTL Lab Number: 040723040-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040723 040

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/22/04
Sampled By: MATT MORRIS (MMM)
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: GOOD
2. Sealed for Shipping By:
3. Initial Contents Temp.: °C Seal Applied Yes No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/22	1:00	TW7.22.04-1	AQ	X		3	HCl	VOC
	1:05	TW7.22.04-3	AQ	X		3	HCl	VOC
		TRIP BLANKS	AQ	X		3	HCl	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time (TO MONT LAB)

1. Matt Morris 7/22/04 2:15pm
2. Ryan Landers 7/23/04 9:36
3. Brian Bonnell 7/23/04 15:35

Received by (signed) Date/Time

1. Ryan Landers 7/23/04 8:36
2. Brian Bonnell 7/23/04 15:20
3.

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment:
Received By Lab:
Date/Time 07/23/04 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location N @ 8"
TTL Lab Number: 040727008-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	5.1	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	7.0	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O @ 12"
TTL Lab Number: 040727008-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.9	J
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	12.1	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	6.8	J
M,P-Xylenes:	24.6	J
O-Xylene:	6.8	J
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location P @ 12"
TTL Lab Number: 040727008-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	3.9	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	5.5	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location K @ 9"
TTL Lab Number: 040727008-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	6.5	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	5.9	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location L @ 11"
TTL Lab Number: 040727008-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	4.9	J
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.7	J
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	26.4	J
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	10.4	J
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	11.8	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	7.3	J
M,P-Xylenes:	26.2	J
O-Xylene:	8.0	J
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location J @ 10"
TTL Lab Number: 040727008-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	3.0	ND
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	3.8	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location I @ 9"
TTL Lab Number: 040727008-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	4.5	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	6.3	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

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V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location M @ 9"
TTL Lab Number: 040727008-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	4.3	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	9.2	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location I @ 9" DUP
TTL Lab Number: 040727008-009A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	5.0	J
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	6.1	J
O-Xylene:	3.0	ND
Bromoform:	3.0	ND
1,1,2,2-Tetrachloroethane:	3.0	ND
1,3-Dichlorobenzene:	3.0	ND
1,4-Dichlorobenzene:	3.0	ND
1,2-Dichlorobenzene:	3.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK ORDER NUMBER
040727 008

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Sheet 2 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-26-04
Sampled By: WGM / KJM
Sample Site: Coliseum Boulevard Plume Investigation / Low Lying Area
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: WGM
3. Initial Contents Temp.: ICE °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ___
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-26-04	2:10	Site N 8" BLS	SOIL	✓		4	ICE	VOC
	2:25	O 12"						
	2:40	P 12"						
	2:55	K 9"						
	3:10	L 11"						
	3:17	J 10"						
	3:30	I 9"						
	3:15	M 9"						
	3:30	I (Duplicate 9" BLS						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 7-26-04 5pm To Mont Lab	1 TTL 7-26-04 1710
2 7-26-04 1740 To BLS	2 7-27-4 0850
3 7-27-4 0900	3

SHIPPING DETAILS

Air Bill #: 3020108091
Method of Shipment: BUS
Received By Lab: Carne Bat
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location N
TTL Lab Number: 040727007-001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	11.9	J
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O
TTL Lab Number: 040727007-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.3	J
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	5.4	J
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location P
TTL Lab Number: 040727007-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	23.4	
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location K
TTL Lab Number: 040727007-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	6.4	J
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location L
TTL Lab Number: 040727007-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	4.1	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location J
TTL Lab Number: 040727007-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM.KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location I
TTL Lab Number: 040727007-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	J
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Equipment)
TTL Lab Number: 040727007-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (WGM,KJM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location I DUP
TTL Lab Number: 040727007-009A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ SW
TTL Lab Number: 040727007-010A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040727 007

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-26-04
Sampled By: WGM / KJM
Sample Site: Coliseum Boulevard Plume Investigation / Low Lying Area
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: WGM
3. Initial Contents Temp.: ICE °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-26-04	2:10	Site N	Aqueous	✓		3	HCl, ICE	VOC
	2:25	O				2		
	2:40	P				3		
	2:55	K						
	3:40	L						
	3:17	J						
	3:30	I						
		BLANK						
	4:30	Equipment Rinse						
	3:30	I Duplicate						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. 7-26-04 To Mondy. Lab Sam
2. 7-26-04 1740 To Blue
3. 7-27-4 / 0900

Received by (signed) Date/Time
1. To Ow 7-26-04 1710
2. 7-27-4 / 0850
3.

SHIPPING DETAILS

Air Bill #: 3020108091
Method of Shipment: BUS
Received By Lab: Carmen Butler
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,FJ)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040708051-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,FJ)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040708051-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-104/105/205/340/Rinse
TTL Lab Number: 040708051-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040708051

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.7.04
Sampled By: Reggie Robinson Frank Jurjevich
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REP
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.7	10:35 AM	MW-104	Aq	X		1	HCl	VOC
	12:10 PM	MW-205						
	1:15 PM	MW-105						
	4:40	MW-340						
	9:30	Bladder Pump Rinse 2 AM				2		
	4:55	Bladder Pump Rinse 2 PM				2		
	—	Blanks for MW-104, 205, 105, 340				3		
	10:35 AM	MW-104				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:10 PM	MW-205						
	1:15 PM	MW-105						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Montg. Lab 7.7.04 18:00 hrs	7-8-04 8:30AM
2 7-8-04 1:00PM	
3	3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: ____
Date/Time 7-8-04 330

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (GM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) 9:30AM
TTL Lab Number: 040708052-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (GM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) 4:55PM
TTL Lab Number: 040708052-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 7, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/MW-204/304/339/Rinse)
TTL Lab Number: 040708052-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040708 053

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/7/04
Sampled By: Greg Neely Roosevelt L Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: ICE RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/7/04	10:25am	MW-204	Aqueous	X		3	HCl	VOC
	12:10pm	MW-304						
	4:00pm	MW-339						
	9:30am	Pump Rinse 1				2		
	4:55pm	Pump Rinse 1				2		
	7:00am	Blank / MW 204, MW 304, MW 339				3		
	10:25am	MW-204				1	ICE	Nitrate, Nitrite, Sulfate, Alk, Chlorides
	12:10pm	MW 304						
	4:00pm	MW 339						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1 To Montgomery Lab 5:16pm 7/7/04 — 7-8-04 8:30 AM
2 7-8-04 1:00PM
3 — 3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTP
Received By Lab: ____
Date/Time 7-8-04 3:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back side

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040709063-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040709063-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-123/223/341/Rinse
TTL Lab Number: 040709063-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·8·04
Sampled By: FRANK JURJEVICH REGGIE ROBINSON
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: GOOD
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/8	11:55a	MW-341	Aq.	x		3	HCl	VOC
	2:36p	MW-123						
	5:00p	MW-223						
	—	BLANKS/MW-341,123,223						
	7:30a	PUMP RINSE 2 AM				2		
	5:30p	PUMP RINSE 2 PM						
	11:55a	MW-341				1	NONE	ALKALINITY, CHLORIDE, SULFATE, NITRITE, NITRATE
	2:36p	MW-123						
	5:00p	MW-223						
	5:00p	MW-223					H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONT. LAB
1. 7/8/04 18:48
2. 7-9-04 10:55AM
3. 7/9/04 2:30

Received by (signed) Date/Time
1. 7-9-04 9:10AM
2. 7/9/04 2:20
3.

SHIPPING DETAILS

Air Bill #: GLI 3019713598
Method of Shipment: BUS
Received By Lab: J Darnell
Date/Time 7-9-04 2:30pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040709053-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 9 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (WGM,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040709053-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 8, 2004
Date Analyzed: July 10, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/MW-109/132/209/342/Rinse)
TTL Lab Number: 040709053-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Sheet ____ of ____

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/8/04
Sampled By: WGM RLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #** ____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: WGM RLR
3. Initial Contents Temp.: 4 °C Seal Applied Yes ✓ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: ____
7. Comments: ____
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/8/04	12:00pm	MW-342	Aqueous	X		3	HCL	VOC
	12:55	MW-109				6		
	2:09	MW-209				3		
	4:20	MW-132				~~4~~ 2		
	07:00	Rinse Blanks Bladder Pump 1 am				2		
	17:00	Bladder Pump Rinse 1 pm				1	Ice	Nitrite, Nitrate, Sulfate, Alkalinity, Chloride
	12:00pm	MW-342		X				
	12:55pm	MW-109						
	2:09pm	MW-209						
	4:20pm	MW-132						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Montgomery Lab 7/8/04 6:34pm	7-9-04 9:10AM
2 7-9-04 9:55AM	7/9/04 2:20
3 7/9/04 2:30	

SHIPPING DETAILS

Air Bill #: GLI 30197 13598
Method of Shipment: BUS
Received By Lab: D Dunnell
Date/Time 7-9-04 2:30pm

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040712030.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 15, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040712030.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Construction Materials Engineering and Testing ■
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 15, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-111/211/232/311/Rinse)
TTL Lab Number: 040712030.007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040712030

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-9-04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: GOOD
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-9	10:31	MW-232	Ag	X		3	HCl	VOC
	12:25	MW-311						
	1:35	MW-111						
	3:25	MW-211						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 1 PM				2		
	—	TRIP Blanks				3		
	10:31	MW-232				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:25	MW-311						
	1:35	MW-111						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 7-12-04 10:00AM
2 Kenneth Moody 7/12/04 2:40
3

Received by (signed) Date/Time
1 7-12-04 9:18AM
2 Kenneth Moody 7/12/04 2:20
3

SHIPPING DETAILS

Air Bill #: 3019770369
Method of Shipment: Bus
Received By Lab:
Date/Time 07/20/04 1440

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040712031.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040712031.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 9, 2004
Date Analyzed: July 14, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-117/217/221/Rinse
TTL Lab Number: 040712031.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040712031

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.9.04
Sampled By: FRANK JURJEVICH / REGGIE ROBINSON
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Fce
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.9	12:35p	MW-217	Aq	X		3	HCl	VOC
	2:10p	MW-117						
	4:10p	MW-221						
	8:15a	BLADDER PUMP RINSE 2 AM				2		
	5:09pm	BLADDER PUMP RINSE 2 PM						
		TRIP BLANKS				3		
	12:35p	MW-217				1	NONE	NITRATE, NITRITE, SULFATE, CHLORIDE, ALKALINITY
	2:10p	MW-117						
	4:10p	MW-221						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — TO MONT. LAB
1 7/9/04 1730
2 7-12-04 10:00
3

Received by (signed) Date/Time
1 7-12-04 9:10AM
2
3

SHIPPING DETAILS

Air Bill #: 3019770369
Method of Shipment: BUS
Received By Lab:
Date/Time 07/12/04 14:40

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Construction Materials Engineering and Testing ■
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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: july 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040714052-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040714052-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/MW-115/115 DUP/215/218/Rinse
TTL Lab Number: 040714052-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TL WORK
ORDER NUMBER
040714 052

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·12·04
Sampled By: Reggie Robinson Reggie Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RRR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·12	10:41	MW-218	Ag	X		3	HCl	VOC
	11:56	MW-115						
	11:56	MW-115 Dup						
	2:11	MW-215						
	7:00	Bladder Pump Rinse 1 am				2		
	17:00	Bladder Pump Rinse 1 pm				2		
	—	TRIP Blank				3		
	10:41	MW-218					Ice	Nitrate, Nitrite, Sulfate, Alkalinity, chloride
	11:56	MW-115						
	11:56	MW-115 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	7·12·04 17:00hr.	1	7·13·04 18:30
2	7·13·04 18:00hr	2	7·14·4 11:30
3	7-14-4 1200	3	

Relinquished by: (signed) Date/Time To Monty. Lab

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: Bus
Received By Lab:
Date/Time 071404 12:05

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040714059.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040714059.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 12, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-118/128/228/Rinse
TTL Lab Number: 040714059.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK ORDER NUMBER
040714 059

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·12·04
Sampled By: FRANK JURJEVICH Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-12	1025	MW-228	Ag	x		3	HCl	VOC
	1140	MW-128				3		
	1340	MW-118				3		
	0830	Bladder Pump Rinse 2AM				2		
	1400	Bladder Pump Rinse 2PM				2		
	—	Blanks				3		
	1025	MW-228				1	ice	Nitrite, Nitrate, Sulfate, Chloride, and Alkalinity
	1140	MW-128				1		
	1340	MW-118				1		
	1025	MW-228				1	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MONT LAB
1. 7-12-04 1515
2. 7·13·04 19:00
3. 7-14-4 12:00

Received by (signed) Date/Time
1. 7·13·04 18:00
2. 7-14-4 11:30
3.

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 7/14/04 1200

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040714050.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040714050.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-5A/113/213/233/Rinse)
TTL Lab Number: 040714050.007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040714050

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·13·04
Sampled By: Reggie Robinson Roseveit Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Gd
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·13	10:31	MW-113	Aq	X		3	HCl	VOC
	12:11	MW-213						
	3:01	MW-233						
	4:51	MW-5A						
	07:00	Bladder Pump Rinse 1 AM				2		
	17:00	Bladder Pump Rinse 1 PM						
	—	TRIP Blanks				3		
	10:31	MW-113				1	Ice	Nitrate, Nitrite, Sulfate Alk. Chloride
	12:11	MW-213						
	3:01	MW-233						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. LAB

1 7·13·04 18:00
2 7·13·04 19:00
3 7-14-4 12:00

Received by (signed) Date/Time

1 7·13·04 18:30
2 7144 11:30
3

SHIPPING DETAILS

Air Bill #: 3049814325
Method of Shipment: BUS
Received By Lab:
Date/Time 071404 13:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Technology and Tradition

Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040714051-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Baldder Pump 2) PM
TTL Lab Number: 040714051-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Technology and Tradition

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 13, 2004
Date Analyzed: July 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-2A/133/134/234/Rinse
TTL Lab Number: 040714051-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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L WORK
ORDER NUMBER
040714051

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.13.04
Sampled By: FRANK JURJEVICH RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RKP
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.13	1010	MW-234	Aq	X		3	HCl	VOC
	1145	MW-134						
	1325	MW-133						
	1555	MW-2A						
	0910	Bladder Pump Rinse 2AM				2		
	1610	Bladder Pump Rinse 2PM				2		
	—	Blanks				3		
	1555	MW-2A				1	H_2SO_4	TOC
	1020	MW-234				1	Ice	Nitrite, Nitrate, Sulfate, Chloride, Alkalinity
	1145	MW-134				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONT. LAB 7.13.04 1752	1 7.13.04 18:30
2 7.13.04 19:00	2 7-14-4 11:30
3 7.14.4 12:00	3

SHIPPING DETAILS

Air Bill #: 3019814325
Method of Shipment: BUS
Received By Lab:
Date/Time 07/14/04 12:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040715034.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040715034.007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-102/202/229/229 DUP/Rinse
TTL Lab Number: 040715034.008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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.L WORK
ORDER NUMBER
040715 034

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.14.04
Sampled By: Frank Jurjevich / Ryan Packer
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7-14	1105	MW-102	Aq	X		3	HCl	VOC
	1355	MW-202				3		
	1535	MW-229				3		
	1535	MW-229 Dup.				3		
	1715	MW-129				3		
	0900	Bladder Pump Rinse 2 AM				2		
	1730	Bladder Pump Rinse 2 PM				2		
	—	Blanks				3		
	1105	MW-102				1	ice	Nitrite, Nitrate, Sulfate, Chloride, Alk.
	1355	MW-202				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1
2 7-15-04 12:50PM
3

Received by (signed) Date/Time
1 7-15-04 9:00AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/15/04 1150

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040715036-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040715036-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Construction Materials Engineering and Testing ■
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 14, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-1A/101/201/203/Rinse
TTL Lab Number: 040715036-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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WORK ORDER NUMBER
0407150 36

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·14·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: GWd Ice
7. Comments:
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·14	10:16	MW-101	Aq	X		3	HCl	VOC
	11:11	MW-201						
	12:25	MW-203						
	2:55	MW-1A						
	07:00	Bladder Pump Rinse / am				2		
	17:00	Bladder Pump Rinse / pm						
	—	Trip Blanks				3		
	10:16	MW-101				1	Ice	Nitrite, Nitrate, Sulfate, Alkalinity, Chloride
	11:11	MW-201						
	12:25	MW-203						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To MONT. LAB
1 [signature] 7-14-04 17:00
2 [signature] 7-15-04 12:50PM
3

Received by (signed) Date/Time
1 [signature] 7-15-04 9:00AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 07/15/04 1050

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040716013.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040716013.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ WM-4A,4A DUP,103,Rinse
TTL Lab Number: 040716013.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040716 013

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.15.04
Sampled By: Reggie Robinson Roseveltt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RRR
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.15	12:00	MW-103	Ag	X		3	HCl	VOC
	3:30	MW-4A						
	3:30	MW-4A Dup						
	—	TRIP BLANKS						
	07:00	Bladder Pump Rinse 1 AM				2		
	16:30	Bladder Pump Rinse 1 PM						
	12:00	MW-103				1	Ice	Nitrate, Nitrite, Sulfate, Alk, Chloride
	3:30	MW-4A						
	3:30	MW-4A Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [signature] 7.15.04	1 [signature] 7.15.04
2 [signature] 7.15.04 BUS 1945	2 [signature] 7-16-4 8:30
3 [signature] 7-16-4 8:45	3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: BUS
Received By Lab: Linda Walker
Date/Time 7/16/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040716014-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FJ,RP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040716014-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 15, 2004
Date Analyzed: July 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-3A/136A/136A DUP/236B/236C/Rinse
TTL Lab Number: 040716014-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040716014

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Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·15·04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status (Complete) Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·15	1235	MW-3A	Aq	X		3	HCl	VOC
	1420	MW-236 C						
	1550	MW-236 B						
	1805	MW-136 A						
	1805	MW-136 A DUP						
	1000	BLADDER PUMP RINSE 2 AM				2		
	1820	BLADDER PUMP RINSE 2 PM				2		
	—	BLANKS				3 ~~2~~		
	1235	MW-3A					H_2SO_4	TOC
	1235	MW-3A					ice	NITRITE, NITRATE, SULFATE, CHLORIDES, ALKALINITY

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	TO MONTLAB 7·15·04 1905	1	7·15·04 19:30
2	7·15·04 BUS 1945	2	7-16-4 8:30
3	7-16-4 8:45	3	

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab: Linda Walker
Date/Time 7/14/04 8:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040719022-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040719022-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-112/131/231/Rinse(Bladder Pump 2)
TTL Lab Number: C40719022-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

WORK ORDER NUMBER
040719 022

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-16-04
Sampled By: Frank Julsenden Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Jbw
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-16	1200	MW-231	Aq	X		3	HCl	VOC
↓	1416	MW-131	↓	↓		↓	↓	↓
	1550	MW-112						
	0930	Blanks Pump Rinse 2 AM				2		
	1615	Blanks Pump Rinse 2 PM				2		
	—	Blanks				3		
	1200	MW-231				1	H_2SO_4	TOC
	1416	MW-131				↓	↓	↓
	1200	MW-231					ice	Nitrate, Nitrite, Sulfates, Chlorides, Alkalinity
↓	1416	MW-131	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. TO MONTLAB 7-16-04 1724 — 7-19-04 9:15AM
2. 7-19-04 9:50AM — Lindsey Brown 7-19-04 1505
3. Lindsey Brown 7-19-04 1515 — 3.

SHIPPING DETAILS

Air Bill #: 3019931618
Method of Shipment: BUS
Received By Lab:
Date/Time 071904 1515

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040719023-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040719023-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
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Client: Alabama Department of Transportation
Sample Date: July 16, 2004
Date Analyzed: July 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-122/122 Dup/222/Rinse(Bladder Pump 1)
TTL Lab Number: 040719023-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040719 023

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·16·04
Sampled By: Reggie Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·16	1:00	MW-122	Aq	X		3	HCl	VOC
	3:10	MW-222				2		
	07:00	Bladder Pump Rinse 1 Am				2		
	3:50	Bladder Pump Rinse 1 pm				2		
	1:00	MW-122 Dup				3		
	—	Trip Blanks						
	1:00	MW-122				1	Ice	Nitrate, Nitrite Sulfate, Alkalinity, Chloride
	3:10	MW-222						
	1:00	MW-122 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab — Received by (signed) Date/Time

1. [illegible] 7-16-04 17:30 — [illegible] 7-19-04 9:15AM
2. [illegible] 7-19-04 9:50AM — Lindsey Brown 7-19-04 | 1505
3. Lindsey Brown 7-19-04 | 1515 — 3.

SHIPPING DETAILS

Air Bill #: 3019931618
Method of Shipment: B45
Received By Lab: [illegible]
Date/Time 07/19/04 1515

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040720017-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040720017-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-214A/216/216 Dup/220/Rinse(Bladder Pump 1)
TTL Lab Number: 040720017-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040720 017

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·19·04
Sampled By: Reggie Robinson Roseveult Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·19	11:50	MW-220	Aq	X		3	HCl	VOC
	1:35	MW-214A						
	3:40	MW-216						
	3:40	MW-216 Dup						
	6:15	MW-116						
	—	Blanks For MW-220, 214A, 216, 116						
	07:30	Bladder Pump Rinse 1 AM				2		
	18:30	Bladder Pump Rinse 1 PM				2		
	11:50	MW-220				1	Ice	Nitrate, Nitrite, Alkalinity, Chloride, Sulfate
	1:35	MW-214A						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mondy Lab
1 [signature] 7·19·04 19:30
2 [signature] 7/20/04 4:00 pm
3

Received by (signed) Date/Time
1 [signature] 7/20/04 2:00 pm
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 07/20/04 1600

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040720018-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040720018-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 19, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-212/219/Rinse(Bladder Pump 2)
TTL Lab Number: 040720018-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040720018

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·19·04
Sampled By: FRANK JURJEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·19	1145	MW-212	Aq	X		3	HCl	VOC
FIJ	1420	MW-219				3		
	~~1555~~	~~MW-210~~				~~3~~		
	0900	BLADDER PUMP RINSE 2 AM				2		
	1620	BLADDER PUMP RINSE 2 PM				2		
	—	BLANKS				3		
	1145	MW-212				1	ice	NITRITE, NITRATE, SULFATES, CHLORIDES and ALKALINITY
	1420	MW-219				1		
FIJ	~~1555~~	~~MW-210~~				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. TO MONT LAB 7·19·04 1718
2. 7/20/04 4:00 pm
3.

Received by (signed) Date/Time
1. 7/20/04 2:00 pm
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab
Date/Time 07/20/04 1600

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040721033-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040721033-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-124/124 Dup/210/224/Rinse(Bladder Pump 2)
TTL Lab Number: 040721033-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

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TTL WORK
ORDER NUMBER
040721 033

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·20·04
Sampled By: FRANK JURJEVICH / RYAN PACKEL
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·20	1145	MW-210	Aq.	X		3	HCl	VOC
	1335	MW-124				3		
	1615	MW-224				3		
	1335	MW-124 Dup.				3		
	0810	Bladder Pump Rinse 2AM				2		
	1630	Bladder Pump Rinse 2PM				2		
	—	Blanks				3		
	1145	MW-210				1	ice	Nitrite, Nitrate, Sulfate, Chlorides, Alkalinity
	1335	MW-124				1		
	1615	MW-224				1		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONTLAB 7·20·04 1730
2 TO BUS 7·20·04 1820
3 7-21-04 9:20

Received by (signed) Date/Time
1 7-21-04 9:10
2
3

SHIPPING DETAILS

Air Bill #: 3019974321
Method of Shipment: BUS
Received By Lab:
Date/Time 072104 092

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back.

TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040721032-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040721032-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 20, 2004
Date Analyzed: July 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-125/Rinse(Bladder Pump 1)
TTL Lab Number: 040721032-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040721 032

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-20-04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-20	2:15	MW-125	Aq	X		3	HCl	VOC
	—	Blanks						
	07:30	Bladder Pump Rinse 1Am				2		
	17:00	Bladder Pump Rinse 1pm				2		
	2:15	MW-125				1	Ice	Nitrate Nitrite Sulfate, Alk. Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 7-20-04 14:30
2 TO BUS 7-20-04 1820
3 7-21-04 9:20

Received by: (signed) Date/Time
1 7-21-04 9:20
2
3

SHIPPING DETAILS

Air Bill #: 3019974221
Method of Shipment: BUS
Received By Lab:
Date/Time 072104 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040722028-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040722028-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 26, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-130/225/230/Rinse(Bladder Pump 1)
TTL Lab Number: 040722028-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040722 028

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·21·04
Sampled By: Reggie Robinson Roseuelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·21	11:30 AM	MW-225	Aq	X		3	HCl	VOC
	1:50	MW-230						
	4:25	MW-130						
	07:00	Bladder Pump Rinse 1AM				2		
	12:00	Bladder Pump Rinse 1PM				2		
	—	Blanks For MW-225, 230, 130				3		
	11:30	MW-225				1	Ice	Nitrate, Nitrite, Sulfate, Alk, Chloride
	1:50	MW-230						
	4:25	MW-130						
	11:30	MW-225				1	H2SO4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature]	7·21·04 17:30 To Montg. Lab	[signature]	7-22-04 9:30AM
2 [signature]	7-22-04 1:15PM		
3		3	

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040722029-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040722029-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 21, 2004
Date Analyzed: July 27, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-108/208/226/227/Rinse(Bladder Pump 2)
TTL Lab Number: 040722029-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL WORK
ORDER NUMBER
040722029

Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: KIDADA DIXON
Mailing Address: 4154 LOMAC STREET
City, State, Zip: MONTGOMERY, AL 36106
Phone No.: 334-244-0766
Date: 7-21-04
Sampled By: FRANK JURJEVICH / RYAN PACKER
Sample Site: COLISEUM BOULEVARD PLUME INVESTIGATION
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Fe
8. Reporting Status: Routine; ASAP By ____; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-21	1135	MW-226	Aq	X		3	HCl	VOC
	1355	MW-227						
	1545	MW-208						
	1625	MW-108						
	—	BLANKS						
	0830	BLADDER PUMP RINSE 2 AM				2		
	1640	BLADDER PUMP RINSE 2 PM				2		
	1625	MW-108				1	Nitric Ac	Fe
	1135	MW-226				1	ice	NITRITE, NITRATE, SULFATES, CHLORIDES, ALKALINITY
	1355	MW-227				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONTLAB 7-21-04 17:45
2 7-22-04 1:15 PM
3

Received by (signed) Date/Time
1 7-22-04 9:30 AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab
Date/Time 072204 1315

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama, Telephone (256) 766-4622, FAX (256) 760-4626

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040723038-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040723038-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 28, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-106/106 DUP/135A/206/Rinse(Bladder Pump 1)
TTL Lab Number: 040723038-007A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040723 038

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·22·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
7·22	12:10 PM	MW-206	Ag	X		3	HCl	VOC
	1:40 PM	MW-106						
	1:40 PM	MW-106 Duplicates						
	3:40 PM	RER MW-137A 135A						
	—	Blanks						
	07:30	Bladder Pump Rinse 1 AM				2		
	16:30	Bladder Pump Rinse 1 PM				2		
	12:10	MW-206				1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride
	1:40	MW-106						
	1:40	MW-106 Duplicates						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 [signature] To Montg. Lab	7·22·04 17:00	1 [signature]	7/23/04 8:36
2 [signature]	7/23/04 8:36	2 [signature]	7/23/04 15:20
3 [signature]	7/23/04 15:35	3	

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 072304 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL

TTL
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040723041-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040723041-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	ND
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	ND
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	1.0	ND
1,2-Dichloropropane	1.0	ND
Bromodichloromethane	1.0	ND
Cis-1,3-Dichloropropene	1.0	ND
Toluene	1.0	ND
Trans-1,3-Dichloropropene	1.0	ND
1,1,2-Trichloroethane	1.0	ND
Tetrachloroethylene	1.0	ND
Dibromochloromethane	1.0	ND
Chlorobenzene	1.0	ND
1,1,1,2-Tetrachloroethane	1.0	ND
Ethyl Benzene	1.0	ND
M,P-Xylenes	1.0	ND
O-Xylene	1.0	ND
Bromoform	1.0	ND
1,1,2,2-Tetrachloroethane	1.0	ND
1,3-Dichlorobenzene	1.0	ND
1,4-Dichlorobenzene	1.0	ND
1,2-Dichlorobenzene	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 22, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-107/137A/207/Rinse(Bladder Pump 2)
TTL Lab Number: 040723041-006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040723041

Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.22.04
Sampled By: Frank Jurgevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ___
6. Condition of Contents:
7. Comments:
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7.22	1100	MW-207	Aq	X		3	HCl	VOC
	1230	MW-107						
	1425	MW-137A						
FTS		~~MW-257B~~						
	—	BLANKS						
	0800	BLADDER PUMP RINSE 2 AM				2		
	1435	BLADDER PUMP RINSE 2 PM				2		
	1100	MW-207				1	H_2SO_4	TOC
	1230	MW-107				1	H_2SO_4	TOC
	1100	MW-207				1	ice	NITRATE, NITRITE, SULFATES, CHLORIDES, ALKALINITY.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To Montgomery 7.22.04 1700	1 Ryan Parker 7/23/04 8:36
2 Ryan Parker 7/23/04 8:36	2 Brian Boswell 7/23/04 15:20
3 Brian Boswell 7/23/04 15:35	3

SHIPPING DETAILS

Air Bill #: 3020036844
Method of Shipment: [illegible]
Received By Lab: [illegible]
Date/Time 07/23/04 1535

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) AM
TTL Lab Number: 040727004-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	2.0	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RER,RLR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 1) PM
TTL Lab Number: 040727004-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Client: Alabama Department of Transportation
Sample Date: July 23, 2003
Date Analyzed: July 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-235B/235C/Rinse(Bladder Pump 1)
TTL Lab Number: 040727004-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040727 004

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/23/04
Sampled By: Roosevelt Robinson Reginald Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Ice
3. Initial Contents Temp.: _____ °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date _____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By _____; Rush By _____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7/23/04	10:30 am	MW-235 B	Ag	X		3	HCl	VOC
	12:05	MW-235 C				✓		
	0700	Bladder Pump Rinse 1am				2		
	15:00	Bladder Pump Rinse 1pm				2		
	—	Blanks				3		
	10:30 AM	MW-235 B				1	ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
✓	12:05	MW-235 C				1	ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	To	Received by (signed)	Date/Time
1 [signature]	7-23-04 15:30	Monty. Lab	[signature]	7-26-04 1710
2 [signature]	7-26-04 1740	TO BUS	2 [signature]	7-27-4 0850
3 [signature]	7-27-4 0900		3	

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen [signature]
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: August 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040727005-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040727005-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Client: Alabama Department of Transportation
Sample Date: July 23, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-237B/237C/Rinse(Bladder Pump 2)
TTL Lab Number: 040727005-005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040727 005

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·23·04
Sampled By: FRANK JURSEVICH / RYAN PARKER
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: FCC
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
7·23	1405	MW-237B	Aq	X		3	HCl	VOC
	1535	MW-237C						
	—	BLANKS						
	1415	BLADDER PUMP RINSE ~~2AM~~ PM 8·30·04				2		
	1600	BLADDER PUMP RINSE 2PM				2		
	1405	MW-237B				1	ice	NITRITE, NITRATE, SULFATE, CHLORIDE, ALKALINITY
	1535	MW-237C				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONTLAB 7·23·04 1630	1 7·26·04 1710
2 TO BUS 7·23·04 1740	2 7·27·4/0850
3 7-27·4/0900	3

SHIPPING DETAILS

Air Bill #: 3030107970
Method of Shipment: BUS
Received By Lab: Carmen Burton
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 29, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT-1-1/2/3
TTL Lab Number: 040727003-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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'L WORK
ORDER NUMBER
040727 003

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·26·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: Ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: JWd
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7·26	3:34	CMT 1-1	Ag	X		3	HCl	VOC
	3:10	CMT 1-2						
	2:53	CMT 1-3						
	—	Blank For CMT 1-1, 1-2, 1-3						
	3:34	CMT-1-1				1	Ice	Nitrate Nitrite, sulfate, Alkalinity, Chloride
	3:10	CMT 1-2						
	2:53	CMT 1-3						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	7·26·04 18:00	1	7·26·04 1710
2	7·26·04 1740	2	7·27·4 0850
3	7·27·4 0900	3	

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen
Date/Time 07 27 04 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) AM
TTL Lab Number: 040727006-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, ug/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.343.0635

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 26, 2004
Date Analyzed: July 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-138A/238C/Rinse(Bladder Pump 2)
TTL Lab Number: 040727006-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK ORDER NUMBER
040727 006

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·26·04
Sampled By: FRANK JURJEVICH / RYAN PALLEL
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7·26	1310	MW-138A	Aq.	X		3	HCL	VOC
	1145	MW-238C				3		
	—	BLANKS				3		
	0830	BLADDER PUMP RINSE 2 AM				3		
		~~BLADDER PUMP RINSE 2 PM~~						
	1310	MW-138A				1	ice	NITRATES, NITRITES, SULFATES, CHLORIDES, ALKALINITY.
	1145	MW-238C				1	ice	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 7·26·04 1640 TO MONTGOMERY
2 7·26·04 1740 TO BUS
3 7-27-4/0900

Received by (signed) Date/Time
1 7·26·04 1710
2 7-27-4/0850
3

SHIPPING DETAILS

Air Bill #: 3020107970
Method of Shipment: BUS
Received By Lab: Carmen Butler
Date/Time 072704 0900

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (FIJ,RMP)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinse (Bladder Pump 2) PM
TTL Lab Number: 040729039-002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ MW-238B/Rinse(Bladder Pump 2)
TTL Lab Number: 040729039-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729039

Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: 334-244-0766

Date: 7-27-04

Sampled By: FRANK JURJEVICH / RYAN PARKER

Sample Site: Coliseum Boulevard Plume Investigation

TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date ___
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.27	1150	MW-238B	Aq	x		3	Hcl	VOC
↓	—	BLANKS	↓	↓		3	↓	↓
	1200	BLADDER PUMP RINSE 2 PM				2		
↓	1150	MW-238B				1	ice	~~METHANE, ETHANE, ETHENE~~ NITRITE, NITRATE, SULFATE, CHLORIDES, ALKALINITY.

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — Received by (signed) Date/Time

1. [signature] TO MONITOR 7/27/04 1335 — [signature] 7-29-04 9:30 AM
2. [signature] 7-29-04 1:00 PM — ___
3. ___ — 3 ___

SHIPPING DETAILS

Air Bill #: ___

Method of Shipment: TTL

Received By Lab: [signature]

Date/Time 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 27, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 1-5/1-6/1-7
TTL Lab Number: C40729042-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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L WORK
ORDER NUMBER
040729 042

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-27-04
Sampled By: Reggie Robinson Roseveli Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: Ice °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ____
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-27	11:30	CMT 1-5	Aq	X		3	HCl	VOC
	11:10	CMT 1-6						
	10:35	CMT 1-7						
	—	Blanks						
	11:30	CMT 1-5				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	12:10	CMT 1-6						
	10:35	CMT 1-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 [signature] 7-27-04 15:20
2 [signature] 7-29-04 1:00PM
3

Received by (signed) Date/Time
1 [signature] 7-29-04 9:30AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 072904 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
TTL, Inc. - Florence Office: 523 South Wood Avenue, Florence, Alabama 35630, Telephone (256) 766-4622, FAX (256) 760-4626
TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 3-2/3-3
TTL Lab Number: 040729040-003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729 040

Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7-28-04
Sampled By: Frank Jurgevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 Client P.O. #

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: Man
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ✓
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ___ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-28								
	1250	CMT 3-3	Aq	x		3	HCl	VOC
	1335	CMT 3-3 MS 2						
	—	Blanks						
	1250	CMT 3-3				1	ice	Nitrite, Nitrate, Sulfate, Chloride, and
	1335	CMT 3-2				1	ice	Alkalinity

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. To mont. lab 7/28/04 1710
2. 7-29-04 1:04 PM
3.

Received by (signed) Date/Time
1. 7-29-04 9:38 AM
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab:
Date/Time 07/29/04 1300

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
TTL, Inc. - Montgomery Office: 4154 Lomac Street, Montgomery, Alabama 36106, Telephone (334) 244-0766, FAX (334) 244-6668
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TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 28, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 4-2/4-3/4-4
TTL Lab Number: 040729041-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040729 041

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7/28/04
Sampled By: BLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [illegible]
3. Initial Contents Temp.: ICE 4 °C Seal Applied Yes ____ No ✓
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ____ No ✓
6. Condition of Contents: good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ____; Rush By ____

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7/28/04	12:50pm	CMT 4-2	Aqueous	X		3	HCL	VOC
	3:05pm	CMT 4-3						
	4:10pm	CMT 4-4						
	—	Blanks for CMT 4-2, 4-3, 4-4						
	12:40	CMT 4-2	Ag	X		1	Ice	Nitrate, Nitrite, Sulfate, Alk. Chloride.
	2:05pm	CMT 4-3						
	4:10p	CMT 4-4						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 [illegible] 5:00pm 7/28/04 To Montgomery Lab	1 [illegible] 7-29-04 9:30AM
2 [illegible] 7-29-04 1:00PM	2
3	3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [illegible]
Date/Time 07/29/04 1300

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TTL
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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 6, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 3-4/3-5/3-6
TTL Lab Number: 040730020-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040730020

TTL Technology and Tradition

Sheet 6 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7.29.04
Sampled By: Frank Juckevich / Ryan Parker
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: ice °C Seal Applied Yes ___ No ___
4. Sampling Status: ~~Complete~~ Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: Good
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
7.29	1210	CMT 3-4	Aq.	X		3	HCl	VOC
	1315	CMT 3-5						
	1545	CMT 3-6						
	—	BLANKS						
	1210	CMT 3-4				1	ice	Nitrate, Nitrite, Chloride, Sulfate, Alkalinity
	1315	CMT 3-5						
	1545	CMT 3-6						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT. LAB 7.29.04 1645
2 TO BUS 7/29/04 1740
3 Kenneth Moody 7/30/04 1255

Received by (signed) Date/Time
1 7/29/04 1710
2 Kenneth Moody 7/30/04 1240

SHIPPING DETAILS

Air Bill #: 3020184981
Method of Shipment: BUS
Received By Lab: Carmen Burt
Date/Time 07 30 04 1255

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TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

NOTE: Please read ...

TTL
Technology and Tradition

Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 29, 2004
Date Analyzed: August 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 4-5/4-6/4-7
TTL Lab Number: 040730019-004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040730019

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·29·04
Sampled By: Reggie Robinson Roosevelt Robinson
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By:
3. Initial Contents Temp.: Ice °C Seal Applied Yes ___ No ___
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes ✓ No
6. Condition of Contents: JWd
7. Comments: Ice
8. Reporting Status: Routine; ASAP By ___; Rush By ___

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method: Grab	Sample Method: Comp	# of Containers	Preservatives	Analysis Parameters
7-29	12:39	CMT 4-5	Ag	X		3	HCl	VOC
	12:33	CMT 4-6						
	2:52	CMT 4-7						
	—	Blanks for CMT 4-5, 4-6, 4-7						
	12:39	CMT 4-5				1	Ice	Nitrate, Nitrite, Chloride Alk. Sulfate
	12:33	CMT 4-6						
	2:52	CMT 4-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 [signature] 7·29·04 16:00
2 [signature] To BUS 7·29·04 1740
3 Kenneth Mosley 7/30/04 1258

Received by (signed) Date/Time
1 [signature] 7/29/04 1710
2 Kenneth Mosley 7/30/04 1240
3

SHIPPING DETAILS

Air Bill #: 3020184981
Method of Shipment: BUS
Received By Lab: Carma Butler
Date/Time

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

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Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: July 30, 2004
Date Analyzed: August 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ CMT 2-1/2-2/2-3/2-4/2-5/2-6/2-7
TTL Lab Number: 040803012-008A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above the detection limit. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present.

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TTL WORK
ORDER NUMBER
040803012

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 7·30·04
Sampled By: FIJ RLR
Sample Site: Coliseum Boulevard Plume Investigation
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: good
2. Sealed for Shipping By: RLR
3. Initial Contents Temp.: ice °C Seal Applied Yes ✓ No
4. Sampling Status: Complete Expected Completion Date
5. Custody Seal Intact Upon Receipt by Laboratory: Yes No
6. Condition of Contents: Good
7. Comments: Ok
8. Reporting Status: Routine; ASAP By ; Rush By

Date	Time	Sample ID/Description	Sample Type (Solid, Etc.)	Sample Method Grab	Sample Method Comp	# of Containers	Preservatives	Analysis Parameters
7·30	1120	CMT 2-1	Aq.	X		3	Hcl	VOC
	1201	CMT 2-2						
	1155	CMT 2-3						
	1025	CMT 2-4						
	1310	CMT 2-5						
	1324	CMT 2-6						
	1335	CMT 2-7						
	—	BLANKS						
	1120	CMT 2-1					ice	Nitrite, Nitrate, Sulfates, Chlorides, Alkalinity
	1201	CMT 2-2						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 TO MONT. LAB 7/30/04 1500
2 8·2-04 18:30
3

Received by (signed) Date/Time
1 8·2·04 18:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab:
Date/Time 8/3/04 9:45

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form.

MONITORING WELL SAMPLING FORMS

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Frank Jurjevich Ryan Parker

Date: 7.7.04 **Well No.:** MW-104 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
21.71	31		Clear 90s		40		7	
Dissolved Oxygen (mg/L)	Begin Reading:	5.90	Time:	9:44 AM	End Reading:	8.80	Time:	10:29 AM
Redox (mV)	Begin Reading:	324	Time:	9:44 AM	End Reading:	224	Time:	10:29 AM
Iron (mg/L)	Fe (II):	<0.50	Time:	10:35	Fe (Total):	<0.50	Time:	10:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:44 AM	24.71	52	4.84	45.8
9:54 a.m.	23.82	55	4.02	43.9
10:04 a.m.	23.68	55	3.98	20.6
10:14	24.02	54	4.05	25.0
10:19	23.92	55	4.07	5.0
10:24	23.98	54	4.11	9.0
10:29	23.89	54	4.14	6.2

Comments: Sampled @ 10:32 AM

Verified by: [illegible] **Date:** 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: REGGIE ROBINSON FRANK JURJEVICH Ryan Baste

Date: 7.7.04 **Well No.:** MW-205 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.49	56	CLEAR 90's	FS3 ~~40~~ 45	20

Dissolved Oxygen (mg/L)	Begin Reading:	7.08	Time:	11:18	End Reading:	7.01	Time:	12:10p
Redox (mV)	Begin Reading:	261	Time:	11:18	End Reading:	389.0	Time:	12:10p
Iron (mg/L)	Fe (II):	<0.50	Time:	12:15p.m	Fe (Total):	<0.50	Time:	12:20p.m

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:18 a.m.	22.44	38	6.17	43.7
11:28	21.41	38	4.45	12.0
11:33	21.24	38	4.32	7.7
11:38	21.07	38	4.28	5.5
11:43	21.36	38	4.16	10.4
11:48	21.36	37	4.30	9.9
11:53	21.28	38	4.28	3.6
11:58	21.40	38	4.31	10.0
12:03 p.m.	21.38	37	4.36	4.7
12:08	21.82	38	4.27	5.1

Comments: SAMPLED @ 12:10 p.m.

Verified by: [signature] **Date:** 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JUKJEVICH REGGIE ROBINSON Ryan Parker

Date: 7.8.04 **Well No.:** MW-341 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
15.86	59		CLEAR 80's		45		15	
Dissolved Oxygen (mg/L)	Begin Reading:	6.10 ~~4.34~~ ~~1.35~~ FES	Time:	9:25 a.m.	End Reading:	6.91	Time:	11:55 a
Redox (mV)	Begin Reading:	265.1 ~~327.1~~ ~~326~~	Time:	9:25 a.m.	End Reading:	130.4	Time:	11:55 a
Iron (mg/L)	Fe (II):	<0.50	Time:	12:00 pm	Fe (Total):	<0.50	Time:	12:05 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:25 a.m.	23.19 ~~25.02~~ FES	533 ~~002~~ FES	9.05 ~~5.73~~ FES	4.2
9:35 a.m.	21.59	520	10.22	93.3
9:45 a.m.	23.10	521	10.60	69.7
9:55 a.m.	21.95	533	10.70	47.3
10:05 a.m.	23.63	547	10.78	39.3
10:06 a.m.	WELL WENT DRY			
11:55 a.m.	35.77	559	10.66	45.1

STOPPED PUMPING → WATER LEVEL TOO LOW.

Comments: sampled @ 11:55 a.m.

11:55am Well recovered w/low levels

Verified by [signature] **Date:** 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: REGGIE ROBINSON FRANK JURJEVICH Ryan Parker

Date: 7.7.04 Well No.: MW-340 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.11	99	clear 90's	55	40

Dissolved Oxygen (mg/L)	Begin Reading:	4.68	Time:	2:00 p.m.	End Reading:	0.94	Time:	4:40 p.
Redox (mV)	Begin Reading:	204.4	Time:	2:00 p.m.	End Reading:	225.3	Time:	4:40 p.
Iron (mg/L)	Fe (II):	<0.50	Time:	4:45 p.m.	Fe (Total):	<0.50	Time:	4:50 p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00 p.m.	26.33	241	8.14	48
2:20 p.m.	25.73	158	8.60	~~>440~~ 29.6
2:30 p.m.	26.40	161	8.92	54.1
2:40 p.m.	26.58	161	8.92	97.2
2:50 p.m.	26.85	154	8.96	120.0
3:00 p.m.	26.82	155	8.71	87.9
3:10 p.m.	26.74	155	8.51	46.3
3:20 p.m.	26.78	156	8.36	23.3
3:30 p.m.	26.75	157	8.16	18.5
3:40 p.m.	26.80	156	8.13	13.4
3:50 p.m.	26.53	153	7.70	13.0
4:00 p.m.	26.54	152	7.61	13.4
4:10 p.m.	26.10	154	7.60	17.4
4:20 p.m.	26.18	150	7.35	16.9
4:30 p.m.	26.59	150	7.42	15.3

Comments: SAMPLED @ 4:40 p.m.

Verified by: [signature] Date: 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Ryan Parker

Date: 7-7-04 **Well No.:** MW-105 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.01	27		Clear 90's		40		6	
Dissolved Oxygen (mg/L)	Begin Reading:	5.73	Time:	12:37	End Reading:	3.37	Time:	pm 1:14
Redox (mV)	Begin Reading:	318	Time:	12:37	End Reading:	369	Time:	pm 1:14
Iron (mg/L)	Fe (II):	<0.50	Time:	1:20pm	Fe (Total):	<0.50	Time:	1:25pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:37 pm	24.24	62	5.12	140
12:47	21.54	55	4.53	26.8
12:57	21.42	61	4.66	9.8
1:07 pm	20.87	60	4.41	9.6
1:14	21.05	61	4.45	9.0

Comments: Sampled @ 1:15

Verified by: [illegible] **Date:** 7-9-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Ryan Parker

Date: 7.8.04 **Well No.:** MW-123 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.68	26	CLEAR 90's	40	4

Dissolved Oxygen (mg/L)	Begin Reading:	5.73	Time:	1:04 p.m.	End Reading:	5.19	Time:	2:34 p.m.
Redox (mV)	Begin Reading:	~~5.73~~ 189.4	Time:	1:04 p.m.	End Reading:	370.2	Time:	2:34 p.m.
Iron (mg/L)	Fe (II):	<0.50	Time:	2:39 p.m.	Fe (Total):	<0.50	Time:	2:44 p.m.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:04 p.m.	32.08	129	8.22	131.1
1:14 p.m.	25.90	108	6.25	180.8
1:24 p.m.	25.68	102	5.23	97.3
1:34 p.m.	25.90	110	6.10	53.5
1:44 p.m.	25.90	103	4.83	20.0
1:54 p.m.	25.48	110	4.73	14.5
2:04 p.m.	26.46	105	4.53	10.4
2:14 p.m.	25.96	105	4.54	9.0
2:24 p.m.	26.45	110	4.56	9.1
2:34 p.m.	26.10	111	4.57	8.4

Comments: sampled @ 2:36 p.m.

Verified by: [signature] **Date:** 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Ryan Parker

Date: 7-8-04 **Well No.:** MW-223 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.69	70	CLEAR 90's	45	28

Dissolved Oxygen (mg/L)	Begin Reading:	7.75	Time:	3:03pm	End Reading:	6.58	Time:	4:53p
Redox (mV)	Begin Reading:	393.6	Time:	3:03pm	End Reading:	392.3	Time:	4:53p
Iron (mg/L)	Fe (II):	<0.50	Time:	4:58p.m	Fe (Total):	<0.50	Time:	5:03p.m.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
303 p.m.	37.83	67	4.67	4.1
3:13pm	24.46	54	4.42	26.4
3:23pm	28.58	46	4.58	12.2
3:33pm	24.98	38	4.26	9.9
3:43pm	24.91	48	4.21	8.6
3:53pm	29.14	57	4.72	6.0
4:13p.m.	24.52	58	4.21	5.1
4:33pm	24.84	60	4.19	4.0
4:53p.m.	24.53	61	4.31	4.2

Comments: SAMPLED @ 5:00p.m. collected TOC

Verified by: [illegible] **Date:** 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH Ryan Parker

Date: 7·9·2004 **Well No.:** MW-217 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
35.84	74.5		CLEAR 90's		40		20	
Dissolved Oxygen (mg/L)	Begin Reading:	4.69	Time:	11:00a	End Reading:	7.84	Time:	12:30p.
Redox (mV)	Begin Reading:	234.0	Time:	11:00a	End Reading:	329.1	Time:	12:30p.
Iron (mg/L)	Fe (II):	<0.50	Time:	12:40p.	Fe (Total):	<0.50	Time:	12:45p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 a.m.	24.64	77	5.98	35.5
11:10 a.m.	25.03	79	4.81	23.4
11:20 a.m.	24.56	78	4.33	19.0
11:30 a.m.	26.48	78	4.61	15.1
11:40 a.m.	32.10	79	5.07	13.5
11:50 a.m.	24.50	78	4.44	13.5
12:00 p.m.	25.25	78	4.39	11.7
12:10 p.m.	24.97	79	4.64	7.7
12:20 p.m.	24.05	78	4.69	9.9
12:30 p.m.	23.66	79	4.74	7.3

Comments: SAMPLED @ 12:35 p.m.

Verified by: [signature] **Date:** 7.9.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Ryan Parker

Date: 7.9.04 **Well No.:** MW-117 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
35.72	44	Clear 90's	40	15

Dissolved Oxygen (mg/L)	Begin Reading:	8.29	Time:	1:06p.m	End Reading:	9.54	Time:	2:06p
Redox (mV)	Begin Reading:	260.6	Time:	1:06p.m	End Reading:	308.7	Time:	2:06p.m.
Iron (mg/L)	Fe (II):	<0.50	Time:	2:15p.m	Fe (Total):	<0.50	Time:	2:20p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:06p.m.	27.62	151	5.66	46.6
1:16 p.m.	22.69	82	4.97	2.4
1:26 p.m.	22.76	82	4.81	5.1
1:36p.m.	22.60	83	4.96	3.0
1:46p.m	21.48	81	4.82	0.9
1:56p.m.	22.17	81	4.90	1.7
2:06p.m.	22.79	81	5.21	2.6

Comments: sampled @ 2:10 p.m.

Verified by: [illegible] **Date:** 7.12.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Reggie Robinson Ryan Parker

Date: 7.9.04 **Well No.:** MW-221 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
15.4	26.5	CLEAR 90's	40	~~Feet~~ 12

Dissolved Oxygen (mg/L)	Begin Reading:	7.45	Time:	3:15 p.m.	End Reading:	5.91	Time:	4:05p
Redox (mV)	Begin Reading:	305.1	Time:	3:15 p.m.	End Reading:	389.8	Time:	4:05p
Iron (mg/L)	Fe (II):	<0.50	Time:	4:15 p.m.	Fe (Total):	<0.50	Time:	4:20 p.m.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:15 p.m.	24.94	78	5.08	161
3:25 p.m.	23.70	82	3.75	60.5
3:35 p.m.	23.15	81	3.74	20.2
3:45 p.m.	23.28	82	3.83	21.0
3:55 p.m.	23.21	84	3.86	8.7
4:00 p.m.	23.21	84	3.80	8.3
4:05 p.m.	23.19	84	3.80	8.3

Comments: SAMPLED @ 4:10 p.m.

Verified by: [signature] **Date:** 7.12.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Ryan Parker

Date: 7.12.04 **Well No.:** MW-228 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
19.25	50.5		clear 80's		40		17	
Dissolved Oxygen (mg/L)	Begin Reading:	5.12	Time:	9:20am	End Reading:	8.17	Time:	10:20a
Redox (mV)	Begin Reading:	264.3	Time:	9:20am	End Reading:	341.4	Time:	10:20am
Iron (mg/L)	Fe (II):	<0.50	Time:	10:30a	Fe (Total):	<0.50	Time:	10:35a

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:20a.m.	22.33	89	5.76	78.2
9:30a.m.	21.91	93	4.35	12.1
9:40a.m.	21.76	94	4.30	8.2
9:50a.m.	21.63	94	4.30	8.4
10:00a.m.	21.78	94	4.33	1.5
10:10a.m.	21.96	93	4.71	0.8
10:20a.m.	21.71	94	4.33	0.9

Comments: sampled @ 10:25 a.m. collected TOC, collected an IRON sample.

Verified by: [illegible] **Date:** 7.12.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Ryan Parker

Date: 7.12.04 **Well No.:** MW-128 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
19.13	26.5		clear 90's		40		12	
Dissolved Oxygen (mg/L)	Begin Reading:	6.98	Time:	11:00a.	End Reading:	6.91	Time:	11:35a
Redox (mV)	Begin Reading:	302.0	Time:	11:00a	End Reading:	350.0	Time:	11:35a.
Iron (mg/L)	Fe (II):	<0.50	Time:	11:45a.m.	Fe (Total):	<0.50	Time:	11:50a.m

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 a.m.	25.39	52	4.66	111
11:10am	23.67	51	4.55	53.4
11:20 a.m.	23.30	51	4.17	10.3
11:25a.m.	23.51	51	4.29	6.0
11:30a.m.	23.43	51	4.23	6.5
11:35a.m.	23.40	51	4.34	3.4

Comments: sampled @ 11:40 a.m.

Verified by: [illegible] **Date:** 7.12.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich Ryan Parker

Date: 7.12.04 **Well No.:** MW-118 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.13	19		clear 90's		40		17	
Dissolved Oxygen (mg/L)	Begin Reading:	7.18	Time:	12:40p	End Reading:	6.51 ~~1:40 p.m.~~	Time:	1:40 p.m.
Redox (mV)	Begin Reading:	242.2	Time:	12:40p	End Reading:	343.2	Time:	1:40 p.m.
Iron (mg/L)	Fe (II):	<0.50	Time:	1:45p	Fe (Total):	<0.50	Time:	1:50p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40 p.m.	32.39	48	6.12	79.2
12:50 p.m.	26.92	46	3.94	19.9
1:00 p.m.	26.23	45	3.96	3.8
1:10 p.m.	26.53	50	4.17	2.6
1:20 p.m.	26.84	50	4.03	2.9
1:30 p.m.	27.06	50	4.14	3.0
1:40 p.m.	26.85	51	3.96	2.3

Comments: sampled @ 1:45 p.m.

Verified by: [illegible] **Date:** 7.12.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH RYAN PARKER

Date: 7-13-04 Well No.: MW-234 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.94	39.5	clear 90's	40	17

Dissolved Oxygen (mg/L)	Begin Reading:	9.35	Time:	9:15a	End Reading:	8.29	Time:	10:15a.m
Redox (mV)	Begin Reading:	341.7	Time:	9:15a	End Reading:	337.3	Time:	10:15a.m
Iron (mg/L)	Fe (II):	<0.50	Time:	10:25a.m	Fe (Total):	<0.50	Time:	10:30a.m

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:15 a.m.	23.32	77	5.75	29.4
9:25 a.m.	22.94	76	4.47	13.8
9:35 a.m.	22.93	76	4.45	7.3
9:45 a.m.	22.88	77	4.39	6.0
9:55 a.m.	22.91	76	4.37	4.7
10:05 a.m.	22.77	75	4.37	4.8
10:15 a.m.	22.91	76	4.42	2.1

Comments: sampled @ 10:20 a.m.

Verified by: [signature] Date: 7-15-04 KCD

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH RYAN PACKER

Date: 7.13.04 **Well No.:** MW-134 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
13.75	26		clear 90's		40		17	
Dissolved Oxygen (mg/L)	Begin Reading:	7.10	Time:	10:40a.m.	End Reading:	4.92	Time:	11:40a.m.
Redox (mV)	Begin Reading:	327.8	Time:	10:40a.m.	End Reading:	388.4	Time:	11:40a.m.
Iron (mg/L)	Fe (II):	<0.50	Time:	11:50a.m.	Fe (Total):	<0.50	Time:	11:55a.m.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40a.m.	29.66	36	4.82	11.4
10:50a.m.	24.64	49	3.74	5.8
11:00a.m.	23.84	51	3.88	1.2
11:10a.m.	23.79	51	3.93	2.4
11:20a.m.	23.48	51	3.98	1.4
11:30a.m.	23.58	51	3.89	1.5
11:40a.m.	23.80	51	3.89	1.5

Comments: sampled @ 11:45a.m.

Verified by: [illegible] **Date:** 7.14.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH RYAN PARKER

Date: 7.13.04 **Well No.:** MW-133 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.01	18.5	overcast 90's	40	5

Dissolved Oxygen (mg/L)	Begin Reading:	7.11	Time:	12:40p	End Reading:	6.72	Time:	1:20p
Redox (mV)	Begin Reading:	317.3	Time:	12:40p	End Reading:	389.1	Time:	1:20p
Iron (mg/L)	Fe (II):	<0.50	Time:	1:30p	Fe (Total):	<0.50p	Time:	1:35p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40 p.m.	23.19	74	5.45	154
12:50 p.m.	22.32	46	3.47	40.1
1:00 p.m.	22.12	47	3.23	2.4
1:10 p.m.	22.54	51	3.28	4.3
1:20 p.m.	23.34	47	3.64	3.6

Comments: sampled @ 1:25 p.m.

Verified by: [illegible] **Date:** 7.14.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JUREVICH RYAN PARKER

Date: 7.13.04 **Well No.:** MW-2A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
11.90	42.3		overcast 80's		40		19	
Dissolved Oxygen (mg/L)	Begin Reading:	4.98	Time:	2:40p	End Reading:	4.64	Time:	3:50p
Redox (mV)	Begin Reading:	406.9	Time:	2:40p	End Reading:	381.6	Time:	3:50p
Iron (mg/L)	Fe (II):	<0.50	Time:	4:00p.	Fe (Total):	<0.50	Time:	4:05p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40 p.m.	20.46	52	3.47	>440
2:50 p.m.	20.37	54	3.29	83.1
3:00 p.m.	20.33	54	3.26	58
3:10 p.m.	20.30	54	3.23	13.9
3:20 p.m.	20.32	54	3.27	5.7
3:30 p.m.	20.33	53	3.31	4.8
3:40 p.m.	20.32	54	3.30	4.2
3:50 p.m.	20.41	54	3.36	4.0

Comments: SAMPLED @ 3:55p.m. collected TOC

Verified by: [illegible] **Date:** 7.14.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jursevich Ryan Packer

Date: 7.14.04 **Well No.:** MW-102 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
9.86	14.35		clear 90's		40		17	
Dissolved Oxygen (mg/L)	Begin Reading:	7.77	Time:	10:00 a.m.	End Reading:	8.61	Time:	11:00 a.
Redox (mV)	Begin Reading:	208.4	Time:	10:00 a.m.	End Reading:	176.9	Time:	11:00 a
Iron (mg/L)	Fe (II):	19 ppm	Time:	11:10 a.m	Fe (Total):	22 ppm	Time:	11:15 a.m

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:00 a.m.	23.73	623	6.47	1.46
10:10 a.m.	22.83	702	6.41	39
10:20 a.m.	22.99	718	6.48	17.4
10:30 a.m.	23.91	671	6.53	11.5
10:40 a.m.	25.02	671	6.57	6.1
10:50 a.m.	25.14	708	6.56	7.6
11:00 a.m.	25.54	517	6.58	6.0

Comments: Sampled @ 11:05 a.m. collected Iron @ 11:20 a.m.

Verified by: [signature] **Date:** 7.15.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.14.03 ~~03~~ 04 **Well No.:** MW-202 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.03	23.7		clear 90s		40		35	
Dissolved Oxygen (mg/L)	Begin Reading:	13.14	Time:	11:40am	End Reading:	10.11	Time:	1:50p.m.
Redox (mV)	Begin Reading:	211.0	Time:	11:40a.m. ~~211.0~~	End Reading:	331.1	Time:	1:50p.m.
Iron (mg/L)	Fe (II):	0.90	Time:	2:00pm	Fe (Total):	1.15	Time:	2:15pm.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:40 a.m.	21.37	45	5.68	>440
11:50 a.m.	20.39	23	4.38	198
12:00 p.m.	20.51	44	4.84	128
12:10 p.m.	20.92	45	4.87	51.5
12:20 p.m.	20.97	44	4.82	31.5
12:30 p.m.	21.39	45	4.75	27.2
12:40 p.m.	21.40	45	4.81	20.8
12:50 p.m.	21.42	44	4.74	15.7
1:00 p.m.	21.41	44	4.65	12.8
1:10 p.m.	21.45	44	4.73	11.8
1:20 p.m.	21.29	44	4.79	10.1
1:30 p.m.	21.16	44	4.73	8.5
1:40 p.m.	21.34	43	4.68	7.4
1:50 p.m.	21.41	44	4.73	6.6

Comments: sampled @ 1:55 p.m.
7.15.04 D.O. ⇒ 4.03

Verified by: [signature] **Date:** 7.16.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.14.04 **Well No.:** MW-229 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
19.84	40		clear 90's		40		14	
Dissolved Oxygen (mg/L)	Begin Reading:	7.26	Time:	2:40 p.m.	End Reading:	7.28	Time:	3:30 p.m.
Redox (mV)	Begin Reading:	281.7	Time:	2:40 p.m.	End Reading:	325.9	Time:	3:30 p.m.
Iron (mg/L)	Fe (II):	<0.50	Time:	3:40 p.m.	Fe (Total):	<0.50	Time:	3:45 p.m.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40 p.m.	28.09	67	4.90	58.8
2:50 p.m.	25.41	68	4.05	17.2
3:00 p.m.	25.69	68	4.13	7.3
3:10 p.m.	25.48	68	4.14	6.0
3:20 p.m.	25.62	68	4.23	4.2
3:30 p.m.	25.26	68	4.21	4.3

Comments: SAMPLED @ 3:35 p.m. collected DUP

Verified by: [signature] **Date:** 7.15.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Juszczyk / Ryan Parker

Date: 7.14.04 **Well No.:** MW-129 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
18.65	27.5	clear 90's	40	19

Dissolved Oxygen (mg/L)	Begin Reading:	6.21	Time:	3:55 p.m.	End Reading:	5.98	Time:	5:10 p.
Redox (mV)	Begin Reading:	330.1	Time:	3:55 p.m.	End Reading:	341.9	Time:	5:10 p.
Iron (mg/L)	Fe (II):	<0.50	Time:	5:20 p	Fe (Total):	<0.50	Time:	5:25 p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:55 p.m.	27.37	66	4.41	243
4:05 p.m.	23.79	65	3.87	115
4:15 p.m.	24.21	66	4.04	43.4
4:25 p.m.	24.16	66	4.06	37.6
4:35 p.m.	23.52	66	3.94	20.9
4:45 p.m.	22.87	66	3.82	10.0
4:55 p.m.	23.30	66	3.84	6.2
5:05 p.m.	23.47	66	3.88	3.9

Comments: SAMPLED @ 5:15 p.m.

Verified by: [signature] **Date:** 7.15.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.15.04 **Well No.:** MW-3A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.21	41.97	clear 90's	40	34

Dissolved Oxygen (mg/L)	Begin Reading:	7.19	Time:	10:30a	End Reading:	5.48	Time:	12:30p
Redox (mV)	Begin Reading:	342.9	Time:	10:30a	End Reading:	409.7	Time:	12:30p
Iron (mg/L)	Fe (II):	<0.50	Time:	12:40p	Fe (Total):	<0.50	Time:	12:45p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 a.m.	22.58	56	5.57	>440
10:50 a.m.	22.58	54	4.70	23.4
11:10 a.m.	21.83	52	4.40	25.3
11:30 a.m.	22.07	52	4.43	18.9
11:50 a.m.	21.95	51	4.42	10.7
12:10 p.m.	22.91	52	4.44	5.3
12:20 p.m.	23.07	51	4.63	7.0
12:30 p.m.	23.17	51	4.49	3.5

Comments: sampled @ 12:35p.m., collected TOC

Verified by: [illegible] **Date:** 7.16.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.15.04 **Well No.:** MW-236C **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
14.15	39.0		clear 90's		40		17	
Dissolved Oxygen (mg/L)	Begin Reading:	7.50	Time:	1:15p	End Reading:	8.47	Time:	2:15p
Redox (mV)	Begin Reading:	336.7	Time:	1:15p	End Reading:	420.5	Time:	2:15p
Iron (mg/L)	Fe (II):	<0.50	Time:	2:25p	Fe (Total):	<0.50	Time:	2:30p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15 p.m.	25.59	53	5.54	>440
1:35 p.m.	24.74	52	4.28	13.7
1:55 p.m.	25.52	52	4.29	6.2
2:05 p.m.	23.84	52	4.29	5.6
2:15 p.m.	23.71	52	4.37	6.2

Comments: SAMPLED @ 2:20 p.m.

Verified by: [signature] **Date:** 7.16.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7·15·04 **Well No.:** MW-236B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
14.54	32		clear 90's		40		17	
Dissolved Oxygen (mg/L)	Begin Reading:	5.17	Time:	2:45p	End Reading:	6.58	Time:	3:45p.
Redox (mV)	Begin Reading:	359.8	Time:	2:45p	End Reading:	375.2	Time:	3:45p
Iron (mg/L)	Fe (II):	<0.50	Time:	3:55p.	Fe (Total):	<0.50	Time:	4:00p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:45 p.m.	24.72	108	5.59	163
3:05 p.m.	27.76	87	5.75	37.1
3:25 p.m.	24.47	79	5.42	6.5
3:35 p.m.	22.65	78	5.04	5.2
3:45 p.m.	23.19	78	5.43	4.8

Comments: SAMPLED @ 3:50 p.m.

Verified by: [signature] **Date:** 7.16.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Packer

Date: 7.15.04 Well No.: MW-136A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
14.44	25		clear 90's		40		33	
Dissolved Oxygen (mg/L)	Begin Reading:	5.21	Time:	4:10p	End Reading:	3.12	Time:	6:00p
Redox (mV)	Begin Reading:	423.4	Time:	4:10p	End Reading:	450.3	Time:	6:00p
Iron (mg/L)	Fe (II):	<0.50	Time:	6:10p	Fe (Total):	<0.50	Time:	6:15p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:10 p.m.	25.16	41	4.72	>440
4:30 p.m.	22.24	45	3.79	282
4:50 p.m.	23.72	46	4.31	72.2
5:10 p.m.	23.40	48	3.85	30.2
5:30 p.m.	21.48	48	3.79	12.3
5:40 p.m.	22.91	48	4.09	10.8
5:50 p.m.	21.49	49	3.74	8.8
5:55 p.m.	22.03	48	3.74	8.6
6:00 p.m.	21.89	48	3.72	8.7

Comments: sampled @ 6:05 p.m. collected DUP

Verified by: [signature] Date: 7.16.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.16.04 **Well No.:** MW-231 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.65	33	clear 90's	40	12

Dissolved Oxygen (mg/L)	Begin Reading:	9.29	Time:	10:55am	End Reading:	7.09	Time:	11:55a
Redox (mV)	Begin Reading:	380.4	Time:	10:55am	End Reading:	488.2	Time:	11:55a
Iron (mg/L)	Fe (II):	<0.50	Time:	12:05p	Fe (Total):	<0.50	Time:	12:10p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:55 a.m.	21.12	59	6.29	86.1
11:05 a.m.	21.50	58	4.63	6.3
11:15 a.m.	21.23	58	4.35	4.5
11:25 a.m.	20.36	58	4.22	4.6
11:35 a.m.	21.21	58	4.34	3.4
11:45 a.m.	21.37	58	4.41	3.4
11:55 a.m.	20.76	58	4.21	3.4

Comments: SAMPLED @ 1200 p.m. collected TOC

Verified by: [signature] **Date:** 7.19.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Ryan Parker Frank Jurjevich

Date: 7.16.04 **Well No.:** MW-131 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
9.7	24.0		clear hot		40		15	
Dissolved Oxygen (mg/L)	Begin Reading:	5.46/0.5	Time:	12:51p	End Reading:	9.05	Time:	2:11p.
Redox (mV)	Begin Reading:	4.34	Time:	12:51p	End Reading:	4754	Time:	2:11p.
Iron (mg/L)	Fe (II):	<0.50	Time:	2:21p	Fe (Total):	<0.50	Time:	2:26p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:51 p.m.	21.80	49	4.35	154
1:01 p.m.	24.12	49	4.80	70.9
1:11	21.48	49	4.24	31.1
1:21	21.81	50	4.33	25.9
1:31	23.09	50	4.5	19.4
1:41	22.07	51	4.32	13.6
1:51	22.69	51	4.42	6.6
2:01 p.m.	22.46	51	4.46	7.4
2:11 p.m.	22.23	51	4.37	6.3

Comments: sampled @ 2:16 p.m. collected [redacted]

Verified by: [signature] **Date:** 7.19.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.16.04 **Well No.:** MW-112 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.52	35		clear 90's		40		6	
Dissolved Oxygen (mg/L)	Begin Reading:	8.94	Time:	3:15p.	End Reading:	4.15	Time:	3:45p
Redox (mV)	Begin Reading:	366.0	Time:	3:15p	End Reading:	471.6	Time:	3:45p
Iron (mg/L)	Fe (II):	<0.50	Time:	3:55p.	Fe (Total):	<0.50	Time:	4:00p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:15 p.m.	27.52	73	5.59	154
3:25 p.m.	22.91	72	3.84	54
3:35 p.m.	22.58	71	3.82	6.3
3:40 p.m.	22.46	71	3.93	2.5
3:45 p.m.	22.65	71	3.91	3.5

Comments: sampled @ 3:50 p.m.

Verified by: [illegible] **Date:** 7.19.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.19.04 **Well No.:** MW-212 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
27.61	71		clear 80's		50		27	
Dissolved Oxygen (mg/L)	Begin Reading:	9.22	Time:	10:20a	End Reading:	8.73	Time:	11:40a
Redox (mV)	Begin Reading:	417.4	Time:	10:20a	End Reading:	480.3	Time:	11:40a
Iron (mg/L)	Fe (II):	<0.50	Time:	11:50a.	Fe (Total):	<0.50	Time:	11:55a

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:20 a.m.	22.24	50	5.25	200
10:40 a.m.	21.79	49	4.65	14.7
11:00 a.m.	21.87	52	4.47	4.1
11:20 a.m.	22.72	53	4.71	2.7
11:40 a.m.	22.63	54	4.31	2.3

Comments: sampled @ 11:45 a.m.

Verified by: [signature] **Date:** 7.20.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.19.04 Well No.: MW-219 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
8.58	19.5		clear 90's		40		20	
Dissolved Oxygen (mg/L)	Begin Reading:	8.59	Time:	12:35p.	End Reading:	7.99	Time:	2:15p.
Redox (mV)	Begin Reading:	456.1	Time:	12.35 p.	End Reading:	509.3	Time:	2:15p.
Iron (mg/L)	Fe (II):	<0.50	Time:	2:25p.	Fe (Total):	<0.50	Time:	2:30p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:35 p.m.	21.54	38	4.14	212
12:55 p.m.	21.41	41	3.63	26.0
1:15 p.m.	21.41	41	3.70	12.1
1:35 p.m.	21.54	40	3.77	11.8
1:55 p.m.	21.17	40	3.70	6.7
2:05 p.m.	21.45	41	3.74	5.1
2:15 p.m.	21.57	40	3.76	4.6

Comments: sampled @ 2:20pm.

Verified by: [illegible] Date: 7.20.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Juckevich / Ryan Parker

Date: 7.19.04 **Well No.:** MW-210 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
2.29	9	clear 90's	40	8

Dissolved Oxygen (mg/L)	Begin Reading:	2.91	Time:	2:50p	End Reading:	3.16	Time:	3:30p
Redox (mV)	Begin Reading:	383.6	Time:	2:50p	End Reading:	364.5	Time:	3:30p
Iron (mg/L)	Fe (II):	~~25~~ 25 ppm	Time:	3:40p	Fe (Total):	38 ppm	Time:	3:45p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:50 p.m.	26.96	404	6.07	34.4
3:00 p.m.	27.05	402	6.40	14.0
3:10 p.m.	26.90	403	6.46	8.5
3:20 p.m.	26.96	400	6.45	9.3
3:30 p.m.	28.20	388	6.73	9.4

Comments: SAMPLED @ 3:35 p.m. PUMP FAILURED HAND-BAILED SAMPLES. SUPERVISOR INSTR'D TO DISCARD SAMPLES.

Verified by: [signature] **Date:** 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Juresevich / Ryan Parker

Date: 7.20.04 **Well No.:** MW-210 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
2.31	9	clear 80's	40	11

Dissolved Oxygen (mg/L)	Begin Reading:	4.77	Time:	9:40a.	End Reading:	1.25	Time:	11:40a
Redox (mV)	Begin Reading:	365.6	Time:	9:40a.	End Reading:	333.1	Time:	11:40a
Iron (mg/L)	Fe (II):	2.70	Time:	11:50a.	Fe (Total):	2.65	Time:	11:55a

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40 a.m.	27.38	398	6.60	~~780~~ 160
10:00 a.m.	28.41	404	6.87	33.5
10:20 a.m.	28.69	405	6.94	7.8
Pump Failure 10:30 a.m.				
11:00 a.m.	26.57	403	6.85	14.7
11:20 a.m.	26.58	398	6.93	9.4
11:30 a.m.	26.62	401	6.91	8.1
11:40 a.m.	26.69	401	6.96	7.1

Comments: sampled @ 11:45 a.m.

Verified by: [signature] **Date:** 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.20.04 **Well No.:** MW-124 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.00	39		clear 90's		40		12	
Dissolved Oxygen (mg/L)	Begin Reading:	8.74	Time:	12:30p	End Reading:	9.02	Time:	1:30p
Redox (mV)	Begin Reading:	441.0	Time:	12:30p	End Reading:	484.3	Time:	1:30p
Iron (mg/L)	Fe (II):	<0.50	Time:	1:40p.m.	Fe (Total):	<0.50	Time:	1:45p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30 p.m.	22.57	65	5.63	34.4
12:50 p.m.	21.73	65	4.04	~~31.6~~ 14.4
1:00 p.m.	21.32	65	3.94	10.9
1:10 p.m.	21.74	64	4.15	7.9
1:20 p.m.	21.69	65	4.02	7.4
1:30 p.m.	21.85	65	3.98	7.3

Comments: sampled @ 1:35 p.m. collected DUP.

Verified by: [signature] **Date:** 7.21.04

TTL, Inc.

July 2004

Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.20.04 **Well No.:** MW-224 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.20	54		clear 90's		40		26	
Dissolved Oxygen (mg/L)	Begin Reading:	6.59	Time:	2:00p	End Reading:	5.08	Time:	4:10p
Redox (mV)	Begin Reading:	437.2	Time:	2:00p	End Reading:	478.3	Time:	4:10p
Iron (mg/L)	Fe (II):	<0.50	Time:	4:20p	Fe (Total):	<0.50	Time:	4:20p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00 p.m.	26.02	66	4.76	13.9
2:20 p.m.	24.26	68	4.25	31.2
2:40 p.m.	23.50	68	4.08	16.5
3:00 p.m.	23.40	68	4.23	13.5
3:20 p.m.	23.40	68	4.20	10.6
3:30 p.m.	23.59	68	4.29	10.0
3:40 p.m.	23.52	68	4.33	10.1
3:50 p.m.	23.06	68	4.15	9.3
4:00 p.m.	23.37	68	4.15	9.5
4:10 p.m.	23.77	68	4.35	8.7

Comments: sampled @ 4:15 p.m.

Verified by: [signature] **Date:** 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JUREVICH / RYAN PARKER

Date: 7.21.04 **Well No.:** MW-226 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
14.38	21		clear 80's		40		26	
Dissolved Oxygen (mg/L)	Begin Reading:	8.64	Time:	10:10 a.m.	End Reading:	4.36	Time:	11:30 a.
Redox (mV)	Begin Reading:	434.4	Time:	10:10 a.m.	End Reading:	467.1	Time:	11:30 a.
Iron (mg/L)	Fe (II):	<0.50	Time:	11:40 a.m.	Fe (Total):	<0.50	Time:	11:40 a

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:10 a.m.	22.92	52	5.21	274
10:20 a.m.	22.50	51	4.16	128
10:30 a.m.	22.52	52	4.13	29.1
10:40 a.m.	22.63	51	4.14	14.5
10:50 a.m.	22.52	51	4.13	12.9
11:00 a.m.	22.52	51	4.07	10.9
11:10 a.m.	22.80	51	4.16	8.6
11:20 a.m.	22.46	51	4.17	7.7
11:30 a.m.	22.50	51	4.17	7.6

Comments: sampled @ 11:35 a.m.

Verified by: [signature] **Date:** 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.21.04 Well No.: MW-227 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.42	27.5	CLEAR 90's	40	32

Dissolved Oxygen (mg/L)	Begin Reading:	9.89	Time:	12:10p.	End Reading:	9.21	Time:	1:50p.
Redox (mV)	Begin Reading:	426.5	Time:	12:10p.	End Reading:	485.3	Time:	1:50p.
Iron (mg/L)	Fe (II):	<0.50	Time:	2:00p.	Fe (Total):	<0.50	Time:	2:05p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:10 p.m.	25.09	49	4.82	414
12:30 p.m.	23.22	50	3.99	80
12:50 p.m.	22.86	47	4.07	15.8
1:00 p.m.	22.76	45	4.01	14.8
1:10 p.m.	23.07	54	4.10	11.1
1:20 p.m.	22.83	48	3.98	10.8
1:30 p.m.	23.00	49	4.10	9.7
1:40 p.m.	22.94	54	4.13	9.6
1:50 p.m.	22.59	52	4.08	9.8

Comments: sampled @ 1:55 p.m.

Verified by: [signature] Date: 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Packer

Date: 7-21-04 Well No.: MW-108 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.32	~~25~~ 52	clear 90's	40	20

Dissolved Oxygen (mg/L)	Begin Reading:	8.86	Time:	2:40 p.	End Reading:	8.63	Time:	3:40 p.
Redox (mV)	Begin Reading:	368.9	Time:	2:40 p.	End Reading:	462.9	Time:	3:40 p.
Iron (mg/L)	Fe (II):	<0.50	Time:	3:50 p.	Fe (Total):	<0.50	Time:	3:55 p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40 p.m.	26.09	95	6.16	7.8
2:50 p.m.	22.79	54	4.62	11.9
3:00 p.m.	22.74	53	4.59	11.5
3:10 p.m.	22.97	53	4.68	9.6
3:20 p.m.	22.83	51	4.59	9.1
3:30 p.m.	23.21	51	4.58	9.3
3:40 p.m.	22.91	52	4.60	9.2

Comments: sampled @ 3:45 p.m.

Verified by: [illegible] Date: 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.21.04 **Well No.:** MW-108 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.15	25	clear-90s	40	6

Dissolved Oxygen (mg/L)	Begin Reading:	5.03	Time:	4:00 p.m.	End Reading:	4.07	Time:	4:20 p
Redox (mV)	Begin Reading:	491.8	Time:	4:00 p.m.	End Reading:	487.3	Time:	4:20 p
Iron (mg/L)	Fe (II):	<0.50	Time:	4:30 p.	Fe (Total):	<0.50	Time:	4:35 p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:00 p.m.	24.35	68	4.16	36.2
4:05 p.m.	22.77	68	3.72	12.4
4:10 p.m.	22.62	69	3.67	8.3
4:15 p.m.	22.67	69	3.72	7.9
4:20 p.m.	22.75	69	3.75	6.9

Comments: sampled @ 4:25 p.m. collected Fe.

Verified by: [signature] **Date:** 7.21.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.22.04 Well No.: MW-207 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.58	67.5		clear 90's		40		23	
Dissolved Oxygen (mg/L)	Begin Reading:	8.26	Time:	9:45a	End Reading:	6.16	Time:	10:55a
Redox (mV)	Begin Reading:	368.2	Time:	9:45a	End Reading:	412.4	Time:	10:55a.
Iron (mg/L)	Fe (II):	<0.50	Time:	11:05a	Fe (Total):	<0.50	Time:	11:10a.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:45a.m.	26.66	131	6.50	48.4
10:05 a.m.	24.34	105	5.85	20.2
10:25 a.m.	24.11	92	5.48	10.2
10:35 a.m.	23.52	85	5.30	9.0
10:45 a.m.	23.64	83	5.26	8.6
10:55 a.m.	23.40	82	5.25	8.4

Comments: sampled @ 11:00 a.m. Collected TOC. Collected Fe.

Verified by: [illegible] Date: 7.23.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.22.04 **Well No.:** MN-107 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.73	35	clear 90's	40	20

Dissolved Oxygen (mg/L)	Begin Reading:	5.69	Time:	11:25a	End Reading:	6.07	Time:	12:25p.
Redox (mV)	Begin Reading:	360.7	Time:	11:25a	End Reading:	444.1	Time:	12:25p.
Iron (mg/L)	Fe (II):	<0.50	Time:	12:35p.	Fe (Total):	<0.50	Time:	12:40p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25 a.m.	27.02	118	6.29	228
11:35 a.m.	23.53	82	5.12	20.8
11:45 a.m.	23.55	75	4.90	14.5
11:55 a.m.	24.74	71	4.91	10.9
12:05 a.m.	23.09	70	4.73	9.5
12:15 a.m.	23.70	70	4.73	9.4
12:25a.m.	23.65	68	4.71	9.0

Comments: Sampled @ 12:30 p.m. collected TOC

Verified by: J. Dixon **Date:** 7.23.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Packer

Date: 7.22.04 **Well No.:** MW-137A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.31	~~MW-137A~~ 37 FJJ		clear 90's		40		18	
Dissolved Oxygen (mg/L)	Begin Reading:	7.95	Time:	1:30p	End Reading:	7.30	Time:	2:20p
Redox (mV)	Begin Reading:	381.6	Time:	1:30p	End Reading:	44.9	Time:	2:20p
Iron (mg/L)	Fe (II):	<0.50	Time:	2:30p	Fe (Total):	<0.50	Time:	2:35p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:30 p.m.	22.79	99	5.79	19.8
1:50 p.m.	22.83	77	5.38	10.9
2:00 p.m.	22.16	74	4.97	9.9
2:10 p.m.	22.18	74	4.84	7.7
2:20 p.m.	22.01	72	4.92	7.8

Comments: sampled @ 2:25 p.m.

Verified by: [illegible] **Date:** 7.23.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.22.04 **Well No.:** MW-237B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.36	46		cloudy 90's		40			
Dissolved Oxygen (mg/L)	Begin Reading:	7.63	Time:	2:40p	End Reading:		Time:	
Redox (mV)	Begin Reading:	391.2	Time:	2:40p	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40 p.m.	25.68	130	6.05	>440
3:00 p.m.	23.67	120	5.36	>440
3:20 p.m.	25.74	111	5.16	295
3:40 p.m.	23.57	106	5.04	210
4:00 p.m.	26.72	105	5.16	250
7.23.04				
10:20 a.m.	26.33	115	5.32	188
10:40 a.m.	26.62	106	4.76	227
11:00 a.m.	26.99	107	4.95	233
11:20 a.m.	26.80	105	4.97	219
11:~~40~~ 45 a.m.	27.07	103	5.12	126
12:00 p.m.	27.80	102	5.44	106
12:20 p.m.	27.01	100	5.30	88.5
12:40 p.m.	28.91	100	5.49	83.5
1:00 p.m.	32.01	100	5.57	104
1:20 p.m.	28.75	98	5.21	74.3
1:40 p.m.	26.00	97	4.39	[illegible]

Comments: Continued on p.43

Verified by: [signature] **Date:** 7.23.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.23.04 **Well No.:** MW-237 B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.41 36	46		cloudy 90's		40		100	
Dissolved Oxygen (mg/L)	Begin Reading:	7.63	Time:	7.22 2:40p	End Reading:	4.87	Time:	2:00p
Redox (mV)	Begin Reading:	391.2	Time:	7.22 2:40p	End Reading:	252.5	Time:	2:00p
Iron (mg/L)	Fe (II):	<0.50 ~~1.25~~ FES	Time:	2:10p	Fe (Total):	<0.50 ~~1.68~~ FES	Time:	2:15p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00 p.m.	27.69	97	4.82	71.1

Comments: sampled @ 2:05 p.m.

Verified by: [signature] **Date:** 7.23.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.23.04 **Well No.:** MW-237C **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.42	53	clear 90's	40	20

Dissolved Oxygen (mg/L)	Begin Reading:	9.40	Time:	2:35 p.	End Reading:	6.36	Time:	3:35 p
Redox (mV)	Begin Reading:	235.2	Time:	2:35 p	End Reading:	302.2	Time:	3:35 p
Iron (mg/L)	Fe (II):	<0.50	Time:	3:45 p	Fe (Total):	<0.50	Time:	3:50 p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:35 p.m.	27.87	95	5.06	8.9
2:55 p.m.	24.45	90	4.15	7.7
3:05 p.m.	24.31	90	4.18	7.5
3:15 p.m.	23.94	90	4.03	7.3
3:25 p.m.	24.29	90	4.11	5.5
3:35 p.m.	24.02	90	4.18	6.2

Comments: SAMPLED @ 3:40 p.m.

Verified by: [signature] **Date:** 7.23.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Packer

Date: 7.26.04 **Well No.:** MW-238BC FSS **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.50	5549.0 FSS	overcast 80's	40	30

Dissolved Oxygen (mg/L)	Begin Reading:	5.24	Time:	10:10 a.m.	End Reading:	6.29	Time:	11:40 a.
Redox (mV)	Begin Reading:	229.0	Time:	10:10 a.m.	End Reading:	312.0	Time:	11:40 a.
Iron (mg/L)	Fe (II):	<0.50	Time:	11:50 a.	Fe (Total):	<0.50	Time:	11:55 a.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:10 am.	23.96	125	5.82	13.1
10:30 a.m.	23.01	124	5.31	7.2
10:50 a.m.	23.36	123	5.29	11.4
11:00 a.m.	23.64	120	5.28	3.9
11:10 a.m.	23.65	118	5.22	11.4
11:20 a.m.	23.80	116	5.25	2.5
11:30 a.m.	23.91	114	5.27	2.1
11:40 a.m.	24.31	113	5.30	2.1

Comments: sampled @ 11:45 a.m.

Verified by: [signature] **Date:** 7.28.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.26.04 **Well No.:** MW-138 A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.~~39~~60	39.0	clear 90's	40	16

Dissolved Oxygen (mg/L)	Begin Reading:	3.32	Time:	12:15 p.	End Reading:	2.21	Time:	1:05 p.
Redox (mV)	Begin Reading:	218.8	Time:	12:15 p.	End Reading:	266.8	Time:	1:05 p.
Iron (mg/L)	Fe (II):	<0.50	Time:	1:15 p.	Fe (Total):	<0.50	Time:	1:20 p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:15 p.m.	26.00	93	5.47	41.1
12:35 p.m.	22.65	88	4.48	5.0
12:45 p.m.	22.04	86	4.22	4.6
12:55 p.m.	21.99	85	4.35	4.3
1:05 p.m.	22.05	85	4.39	5.0

Comments: sampled @ 1:10 p.m.

Verified by: [signature] **Date:** 7.28.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7-26-04 Well No.: MW-238B Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.6039	49.0	clear 90's	40	105

Dissolved Oxygen (mg/L)	Begin Reading:	4.09	Time:	1:25p.	End Reading:	6.05	Time:	11:45a.
Redox (mV)	Begin Reading:	255.1	Time:	1:25p.	End Reading:	245.0	Time:	11:45a.
Iron (mg/L)	Fe (II):	<0.50	Time:	7/27 11:55a.	Fe (Total):	<0.50	Time:	7/27 11:55a.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:25 p.m.	35.40	100	5.64	65.7
1:45 p.m.	25.24	159	4.74	280
2:05 p.m.	24.72	131	4.80	114
2:25 p.m.	27.04	126	4.76	88.6
2:45 p.m.	25.16	118	4.99	74.3
3:05 p.m.	24.77	113	5.10	62.8
3:25 p.m.	26.51	111	5.68	66.8
3:45 p.m.	24.21	108	4.75	59.8
7-27-04				
9:25 a.m.	21.91	115	5.66	152
9:45 a.m.	22.31	120	5.14	215
10:05 a.m.	22.42	114	5.04	107
10:25 a.m.	22.63	109	5.06	68.2
10:45 a.m.	23.60	108	5.22	59.3
11:05 a.m.	23.11	106	5.00	55.2
11:25 a.m.	24.73	105	5.35	57.8
11:45 a.m.	24.05	105	5.07	56.0

Comments: sampled @ 11:50 a.m.

Verified by: [signature] Date: 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.28.04 **Well No.:** CMT-3-~~F23~~ **Sampling Method:** ~~Bladder Pump~~ PNEUMATIC

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.24	38		clear 80's		N/A		2	
Dissolved Oxygen (mg/L)	Begin Reading:	2.97	Time:	11:05 a.	End Reading:	2.92	Time:	12:45 p.
Redox (mV)	Begin Reading:	198.2	Time:	11:05 a.	End Reading:	219.6	Time:	12:45 p.
Iron (mg/L)	Fe (II):	<0.50	Time:	12:55 p.	Fe (Total):	<0.50	Time:	1:00 p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:05 a.m.	29.24	120	6.11	31.8
11:15 a.m.	27.19	116	5.79	12.9
11:25 a.m.	27.36	118	5.65	14.1
11:40 a.m.	28.09	120	5.74	7.4
12:00 a.m.	27.57	120	5.70	8.7
12:15 p.m.	27.23	120	5.48	6.4
12:30 p.m.	27.81	118	5.52	5.5
12:45 p.m.	28.09	119	5.48	7.6

Comments: sampled @ 12:50 p.m.

Verified by: [signature] **Date:** 7.29.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Juresevich / Ryan Pierce

Date: 7.28.04 **Well No.:** CMT-3-32 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.24	38.3		clear 80's		N/A		3.25	
Dissolved Oxygen (mg/L)	Begin Reading:	4.50	Time:	11:00 a.m.	End Reading:	4.57	Time:	1:30 p.
Redox (mV)	Begin Reading:	183.4	Time:	11:00 a.m.	End Reading:	232.1	Time:	1:30 p.
Iron (mg/L)	Fe (II):	<0.50	Time:	1:40 p.	Fe (Total):	<0.50	Time:	1:45 p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 a.m.	29.29	212	6.71	24.9
11:10 a.m.	27.09	184	6.02	11.7
11:20 a.m.	26.61	165	5.88	10.7
11:30 a.m.	27.33	156	5.77	9.2
11:45 a.m.	27.37	152	5.84	6.5
12:05 p.m.	27.11	145	5.65	6.3
12:15 p.m.	26.68	142	5.74	7.3
12:30 p.m.	27.88	138	5.71	6.8
12:40 p.m.	27.76	137	5.77	4.6
1:00 p.m.	27.41	135	5.62	6.7
1:10 p.m.	27.26	132	5.66	7.7
1:20 p.m.	27.53	131	5.64	6.0
1:30 p.m.	27.47	130	5.77	5.1

Comments: sampled @ 1:35 p.m.

Verified by: [signature] **Date:** 7.29.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.29.04 **Well No.:** CMT 3-4 **Sampling Method:** ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.22	43		clear 90's		N/A		2	
Dissolved Oxygen (mg/L)	Begin Reading:	5.07	Time:	10:30 a.	End Reading:	3.31	Time:	12:05 p
Redox (mV)	Begin Reading:	173.6	Time:	10:30 a.	End Reading:	194.5	Time:	12:05 p
Iron (mg/L)	Fe (II):	2.95	Time:	12:15 p.	Fe (Total):	3.15	Time:	12:20 p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 a.m.	30.32	157	6.91	65 ~~14~~ 13
10:40 a.m.	29.16	156	6.73	8.3
10:55 a.m.	29.28	149	6.67	[illegible]
11:05 a.m.	29.58	142	6.64	3.6
11:20 a.m.	29.80	137	6.64	7.5
11:35 a.m.	30.09	136	6.54	6.5
11:50 a.m.	30.67	129	6.49	6.3
12:05 p.m.	30.37	130	6.46	6.5

Comments: Sampled @ 12:10 p.m.

Verified by: [signature] **Date:** 7.29.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Packer

Date: 7.29.04 Well No.: CMT 3-5 Sampling Method: ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
28.27	48		clear 90's		N/A		2	
Dissolved Oxygen (mg/L)	Begin Reading:	3.37	Time:	10:35a.	End Reading:	2.89	Time:	1:15p.
Redox (mV)	Begin Reading:	197.2	Time:	10:35a.	End Reading:	195.1	Time:	1:15p.
Iron (mg/L)	Fe (II):	<0.50	Time:	1:20p.	Fe (Total):	<0.50	Time:	1:25p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35 a.m.	31.87	147	6.35	20.1
10:55 a.m.	31.52	145	6.11	6.0
11:20 a.m.	32.41	144	6.43	5.4
11:35 a.m.	32.98	141	6.32	5.1
12:00 p.m.	33.24	140	6.14	4.6
12:25 p.m.	34.00	140	6.32	6.6
12:50 p.m.	34.33	137	6.17	8.4
1:15 p.m.	34.17	136	6.02	4.3

Comments: sampled @ 1:15 p.m.

Verified by: J. Dixon Date: 7.29.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JUEJEVICH / RYAN PARKER

Date: 7.29.04 **Well No.:** CMT 3-6 **Sampling Method:** ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.30	53	clear 90's	N/A	1.5

Dissolved Oxygen (mg/L)	Begin Reading:	3.61	Time:	2:15p.	End Reading:	2.90	Time:	3:40p.
Redox (mV)	Begin Reading:	181.2	Time:	2:15p.	End Reading:	188.1	Time:	3:40p.
Iron (mg/L)	Fe (II):	<0.50	Time:	3:50p.	Fe (Total):	<0.50 @ 2.5 3:55p.	Time:	3:55p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15 p.m.	36.45	202	6.36	157
2:35 p.m.	35.72	249	6.44	22.8
3:00 p.m.	36.06	245	6.41	5.8
3:20 p.m.	35.34	238	6.44	5.1
3:40 p.m.	35.72	238	6.31	5.1

Comments: sampled @ 3:45 p.m.

Verified by: [signature] **Date:** 7.29.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker Sampling Method: ~~Bladder~~ Peristaltic Pump

Date: 7.30.04 Well No.: CMT 2-3

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.45	44.6		clear 90's		N/A			
Dissolved Oxygen (mg/L)	Begin Reading:	3.05	Time:	9:25a.	End Reading:		Time:	
Redox (mV)	Begin Reading:	218.7	Time:	9:25a.	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:25 a.m.	25.31	170	6.51	>440
9:35 a.m.	24.68	155	6.21	364
9:40 a.m.	24.36	141	6.16	264
9:45 a.m.	24.17	134	6.02	213
9:50 a.m.	24.14	127	5.86	176
9:55 a.m.	24.45	122	6.06	159
10:00 a.m.	24.37	118	5.89	131
10:10 a.m.	24.45	115	6.00	121
10:15 a.m.	24.51	113	5.82	102
10:20 a.m.	24.36	112	5.77	94.9
10:30 a.m.	24.78	110	5.87	107
10:35 a.m.	24.75	110	5.88	117
10:40 a.m.	24.41	112	5.70	121
10:50 a.m.	24.33	112	5.52	119
10:55 a.m.	24.96	114	5.63	122
11:00 a.m.	24.76	115	5.61	126
11:10 a.m.	24.45	115	5.76	116
11:15 a.m.	24.58	115	5.81	110

Comments: cont. on p. 56

Verified by: [signature] Date: 7-30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Packer

Date: 7/30/04 **Well No.:** CMT 2-4 **Sampling Method:** ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.38	48.7	clear 90's	N/A	2.5

Dissolved Oxygen (mg/L)	Begin Reading:	2.31	Time:	9:30a.	End Reading:	1.74	Time:	10:20a
Redox (mV)	Begin Reading:	190.0	Time:	9:30a	End Reading:	201.1	Time:	10:20a
Iron (mg/L)	Fe (II):	1.05	Time:	10:30a.	Fe (Total):	1.10	Time:	10:35a

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30 a.m.	25.24	142	6.31	43.8
9:35 a.m.	24.70	120	5.84	25
9:40 a.m.	24.48	104	5.74	12.5
9:45 a.m.	24.48	97	5.88	12.7
9:50 a.m.	24.46	92	5.64	17.0
9:55 a.m.	24.70	89	5.63	3.7
10:00 a.m.	24.72	87	5.81	5.0
10:10 a.m.	24.85	84	5.63	4.8
10:15 a.m.	24.71	83	5.59	7.5
10:20 a.m.	24.79	82	5.65	7.2

Comments: sampled @ 10:25 a.m.

Verified by: [signature] **Date:** 7.30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURTEVICH / RYAN PARKER

Date: 7.30.04 **Well No.:** CMT 2-S **Sampling Method:** ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.38	52.6		clear 90's		N/A			
Dissolved Oxygen (mg/L)	Begin Reading:	1.38	Time:	10:40a	End Reading:		Time:	
Redox (mV)	Begin Reading:	207.7	Time:	10:40a	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 a.m.	24.31	93	6.00	154
10:50 a.m.	23.64	81	5.88	83.9
10:55 a.m.	24.52	85	6.01	49.1
11:00 a.m.	23.75	92	5.94	51.6
11:05 a.m.	23.79	99	5.92	39.5
11:10 a.m.	23.49	106	5.97	30.1
11:15 a.m.	23.70	111	6.02	24.7
11:20 a.m.	23.95	116	6.22	19.4
11:25 a.m.	23.92	115	6.08	18.5
11:30 a.m.	23.65	118	6.05	19.6
11:35 a.m.	23.94	107	6.02	21.2
11:40 a.m.	23.74	104	5.99	20.4
11:45 a.m.	23.49	101	6.00	18.5
11:50 a.m.	23.40	98	5.87	17.5
11:55 a.m.	24.40	91	6.18	15.4
12:00 a.m.	24.17	86	6.18	15.7
12:15 a.m.	23.71	85	6.49	15.4

Comments: cont'd on p. 58

Verified by: [signature] **Date:** 7.30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurjevich / Ryan Parker

Date: 7.30.04 **Well No.:** CMT 2-3 **Sampling Method:** ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.45	44.6		clear 90's		N/A		6.5	
Dissolved Oxygen (mg/L)	Begin Reading:	3.05	Time:	9:35 a.m.	End Reading:	2.75	Time:	11:50 a.m.
Redox (mV)	Begin Reading:	218.7	Time:	[illegible]	End Reading:	221.9	Time:	11:50 a.m.
Iron (mg/L)	Fe (II):	1.85	Time:	12:00 p.m.	Fe (Total):	1.75	Time:	12:05 p.m.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20 a.m.	24.65	115	5.94	101
11:25 a.m.	24.48	114	5.79	94.[illegible]
11:30 a.m.	24.29	114	5.88	92.5
11:35 a.m.	24.63	113	5.80	84.8
11:40 a.m.	24.54	113	5.71	80.3
11:45 a.m.	24.16	112	5.70	77.2
11:50 a.m.	24.12	111	5.76	72.6

Comments: sampled @ 11:55 a.m.

Verified by: [signature] **Date:** 7.30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Juejevich / Ryan Packer

Date: 7.30.04 **Well No.:** CMT23-7 **Sampling Method:** ~~Bladder~~ Pneumatic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.41	59.8	cloudy 80's	N/A	1.5

Dissolved Oxygen (mg/L)	Begin Reading:	2.37	Time:	12:15p	End Reading:	1.55	Time:	1:30p.
Redox (mV)	Begin Reading:	189.8	Time:	12:15p	End Reading:	165.9	Time:	1:30p.
Iron (mg/L)	Fe (II):	1.00	Time:	1:40p.	Fe (Total):	1.10	Time:	1:45p.

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:15 p.m.	26.98	264	6.74	12.1
12:25 p.m.	25.94	260	6.51	7.2
12:35 p.m.	25.90	254	6.58	6.4
12:45 p.m.	26.23	261	6.50	8.2
1:00 p.m.	25.97	266	6.56	6.0
1:15 p.m.	26.30	261	6.68	8.0
1:30 p.m.	26.45	261	6.72	7.2

Comments: sampled @ 1:35 p.m.

Verified by: Dixon **Date:** 7.30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurgensen / Ryan Packel

Date: 7.30.04 **Well No.:** CMT2-FS5 **Sampling Method:** ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.38	52.6	cloudy 80's	N/A	5.5

Dissolved Oxygen (mg/L)	Begin Reading:	1.38	Time:	10:40a.	End Reading:	2.55	Time:	1:05p
Redox (mV)	Begin Reading:	207.7	Time:	10:40a	End Reading:	209.0	Time:	1:05p
Iron (mg/L)	Fe (II):	<0.50	Time:	1:15p	Fe (Total):	<0.50	Time:	1:20p

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:25 p.m.	23.61	84	6.06	17.4
12:30 p.m.	23.64	84	6.34	19.6
12:35 p.m.	23.57	81	6.08	22.6
12:40 p.m.	23.63	81	6.11	18.9
12:45 p.m.	23.80	82	6.15	18.0
12:55 p.m.	24.01	78	6.47	12.2
1:00 p.m.	23.63	77	6.26	11.1
1:05 p.m.	23.82	78	6.10	12.2

Comments: Sampled @ 1:10 p.m.

Verified by: [signature] **Date:** 7.30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: FRANK JURJEVICH / RYAN PARKER

Date: 7.28.04 Well No.: CMT 3-1 Sampling Method: ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
Dry	28	clear 90s	N/A	

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

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

Comments: WELL WAS DRY. APPROX. 10:30 a.m.

Verified by: K. Dixon Date: 7.30.04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: Frank Jurgewitz / Ryan Parker

Date: 7.28.04 **Well No.:** CMT 3-7 **Sampling Method:** ~~Peristaltic~~ ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
Dry	58.8		clear 80's		N/A			
Dissolved Oxygen (mg/L)	Begin Reading:		Time:		End Reading:		Time:	
Redox (mV)	Begin Reading:		Time:		End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

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

Comments: Well was dry. Approx. 10:30 a.m.

Verified by: KDixon **Date:** 7-30-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel:

Date: **Well No.:** **Sampling Method:** Bladder Pump

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

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

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

Comments:

Verified by: **Date:**

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: WGM, RLR

Date: 7/7/04 **Well No.:** 204 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.94	29	Sunny Upper 80°F	IO-13 45 DO-4	14.5

Dissolved Oxygen (mg/L)	Begin Reading:	15.83	Time:	9:50am	End Reading:	16.28 *	Time:	10:31am RLR
Redox (mV)	Begin Reading:	236	Time:	9:50am	End Reading:	212	Time:	10:31am RLR
Iron (mg/L)	Fe (II):	<0.50	Time:	10:30am	Fe (Total):	<0.50	Time:	10:35am

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
RLR ~~24.00~~ 9:50am	24.00	54	5.14	9.1
10:00am	22.57	50	4.79	2.9
10:05am	22.43	49	4.80	3.1
10:10am	22.40	50	4.82	2.6
10:15am	22.64	50	4.74	2.6
10:20am	22.75	49	4.75	1.1
10:25am	22.77	50	4.77	0.5
~~10:30am~~	~~22.72am~~	~~456am~~	~~6.52am~~	~~7.5am~~

Comments: Sampled @ 10:40am
* D.O. reading was inadvertently not re-measured. RLR

Verified by: [signature] **Date:** 7-30-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: WGM RLR

Date: 7/7/04 **Well No.:** 304 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
~~87~~ 22.10	87	Summer Upper 80's	45.4	32.5

Dissolved Oxygen (mg/L)	Begin Reading:	4.33	Time:	11:05	End Reading:	1.15	Time:	12:00pm
Redox (mV)	Begin Reading:	154	Time:	11:05	End Reading:	117	Time:	12:00pm
Iron (mg/L)	Fe (II):	<0.50	Time:	12:05	Fe (Total):	<0.50	Time:	12:10pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:05	23.14	189	6.45	28.6
11:15	22.65	163	6.56	7.8
11:20	24.47	159	6.56	4.9
11:25	25.06	157	6.54	6.4
11:30	22.37	157	6.52	3.4
11:35	22.72	156	6.52	7.5
11:40	22.71	154	6.54	4.3
11:45	22.39	154	6.53	4.6
11:50	24.14	153	6.52	5.8
11:55	22.36	152	6.52	4.2
12:00	22.37	153	6.53	5.0
12:10				

Comments: Sampled @ 12:10pm

Verified by: [signature] **Date:** 7-8-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

1/2

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

Personnel: WGM, RLB

Date: 7.7.04 **Well No.:** 339 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
64.35	119	Sunny Low 90°F	7	27

Dissolved Oxygen (mg/L)	Begin Reading:	7.32	Time:	12:50	End Reading:	7.48	Time: 3:55
Redox (mV)	Begin Reading:	226	Time:	12:50	End Reading:	192	Time: 3:55
Iron (mg/L)	Fe (II):	<0.50	Time:	3:55	Fe (Total):	<0.50	Time: 4:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:50pm	25.44	740	9.56	78.1
12:55pm	24.00	726	9.23	34.1
1:00pm	23.71	727	9.30	25.5
1:05pm	24.07	726	9.31	22.7
1:10pm	24.02	726	9.30	18.4
1:15pm	26.18	725	9.30	23.2
1:20pm	24.35	722	9.25	17.1
1:25pm	23.96	716	9.05	12.5
1:30pm	23.90	715	9.14	11.1
1:35pm	23.95	713	9.16	10.8
1:40pm	24.31	704	9.15	11.4
1:45pm	24.52	699	9.14	8.4
1:50pm	24.68	694	9.11	8.3
1:55pm	24.38	687	9.05	9.8
2:00pm	24.66	677	8.97	11.1
2:05pm	24.78	668	8.87	10.1
2:10pm	24.89	669	8.79	8.6
2:15pm	24.66	660	8.71	9.6

Comments: Sampled @ 4:00pm

Continued on p. 4

Verified by: [illegible] **Date:** 7-8-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

2/2

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

Personnel: WGM, RLR

Date: 7.7.04 **Well No.:** 339 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
64.35	119	Sunny mid 90°F	50 to 48	27

Dissolved Oxygen (mg/L)	Begin Reading:	7.32	Time:	12:50pm	End Reading:	7.48	Time: 3:55
Redox (mV)	Begin Reading:	226	Time:	12:50pm	End Reading:	192	Time: 3:55
Iron (mg/L)	Fe (II):	<0.50	Time:	3:55pm	Fe (Total):	<0.50	Time: 4:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:20pm	24.55	657	8.63	6.9
2:25pm	24.70	653	8.55	9.5
2:30pm	25.01	649	8.51	6.2
2:35	25.07	640	8.41	5.2
2:40	25.07	632	8.37	7.0
2:45	25.11	626	8.31	6.7
3:00	25.65	615	8.28	3.7
3:05	25.51	600	8.23	6.4
3:10	25.22	594	8.15	4.5
3:15	25.58	591	8.15	3.6
3:20	25.89	587	8.13	3.9
3:25	26.01	585	8.11	3.3
3:30	26.19	585	8.11	4.6
3:55	26.61	584	8.11	3.3

Comments: Sampled @ 4:00pm

Verified by: [signature] **Date:** 7-8-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: WGM, RLR

Date: 7-8-04 **Well No.:** 342 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.58	89	Sunny Humid 80°F	45	7.8

Dissolved Oxygen (mg/L)	Begin Reading:	5.13	Time:	9:40am	End Reading:	1.78	Time:	11:40am
Redox (mV)	Begin Reading:	166	Time:	9:40am	End Reading:	-48	Time:	11:40am
Iron (mg/L)	Fe (II):	<0.50	Time:	12:00pm	Fe (Total):	<0.50	Time:	12:00pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40am	24.44	421	10.26	41.3
9:50am	25.07	394	10.42	32.7
GM ~~9:55~~ 10:00 am	23.58	326	10.24	37.0
10:10 am	23.57	300	10.19	32.1
10:20	23.76	268	10.11	27.1
10:30	23.65	249	9.99	26.9
10:40	23.59	300	9.60	17.6
10:50	23.51	302	9.45	13.8
11:00	23.55	191	9.49	12.6
11:10 AM	23.44	197	9.46	8.8
11:20	23.67	200	9.43	8.2
11:30	23.20	201	9.41	7.9
11:40	23.54	203	9.40	6.6

Comments: Sampled @ 12:00pm

Verified by: [illegible] **Date:** 7-9-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: WGM RLR

Date: 7/8/04 **Well No.:** 109 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.36	33	Sunny 90°F	40	8

Dissolved Oxygen (mg/L)	Begin Reading:	6.41	Time:	12:30pm	End Reading: 4.48	Time:	12:55
Redox (mV)	Begin Reading:	252	Time:	12:30pm	End Reading: 400	Time:	12:55
Iron (mg/L)	Fe (II):	<0.50	Time:	12:55	Fe (Total): <0.50	Time:	1:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30pm	23.99	40	4.47	26.3
12:35 pm	23.80	40	4.44	6.8
12:40	22.80	40	4.45	2.3
12:45	23.16	40	4.46	1.4
12:50	23.04	40	4.46	1.1
12:55	22.56	40	4.45	1.6

Comments: Sampled @ 12:55pm

Verified by: [illegible] **Date:** 7-9-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: WGM RLR

Date: 7.8.04 **Well No.:** MW-209 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.78	70	Sunny 90°F	45	25

Dissolved Oxygen (mg/L)	Begin Reading:	9.43	Time:	1:30pm	End Reading:	8.42	Time: 2:25 pm
Redox (mV)	Begin Reading:	332	Time:	1:30pm	End Reading:	333	Time: 2:25 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	2:35	Fe (Total):	<0.50	Time: 2:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:30pm	23.90	73	5.07	19.3
1:35 pm	22.25	54	4.72	5.0
1:40 pm	22.27	54	4.70	3.8
1:45 pm	22.29	53	4.71	3.5
1:50 pm	22.33	53	4.70	1.0
1:55 pm	22.41	53	4.66	0.8
2:00 pm	21.43	52	4.67	0.9
2:05 pm	21.45	52	4.67	0.6
2:10 pm	21.82	52	4.68	0.7
2:15 pm	21.77	52	4.66	0.5
2:20 pm	21.77	52	4.67	0.9
2:25 pm	21.73	52	4.66	0.5

Comments: Sampled @ 2:27 Collected Dup

Verified by: J. Dixon **Date:** 7-9-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-8-04 **Well No.:** MW-132 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.53	29		Clear High 80's		40		15	
Dissolved Oxygen (mg/L)	Begin Reading:	7.89	Time:	3:25 pm	End Reading:	7.75	Time:	4:15 pm
Redox (mV)	Begin Reading:	407	Time:	3:25 pm	End Reading:	321	Time:	4:15 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	4:20 pm	Fe (Total):	<0.50	Time:	4:25 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:25 pm	21.55	158	4.38	148
3:35	20.62	128	4.35	141
3:45	20.54	119	4.36	81.5
3:55	20.52	111	4.39	20.3
4:05 pm	20.62	109	4.39	6.5
4:10	20.58	111	4.41	9.8
4:15	20.53	109	4.41	6.8

Comments: Sampled @ 4:20

Verified by: [illegible] **Date:** 7-8-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.9.04 **Well No.:** MW-232 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.64	56.5	Clear High 80's	45	15

Dissolved Oxygen (mg/L)	Begin Reading:	6.83	Time:	AM 09:30	End Reading:	6.49	Time: AM 10:30
Redox (mV)	Begin Reading:	323	Time:	AM 09:30	End Reading:	371	Time: AM 10:30
Iron (mg/L)	Fe (II):	<0.50	Time:	10:34	Fe (Total):	<0.50	Time: 10:39

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
09:30 AM	22.22	67	5.07	56.3
09:40 am	21.62	61	5.01	16.6
09:50 am	21.38	63	4.99	7.1
10:00 AM	21.44	61	5.03	2.4
10:10 am	21.68	61	4.94	5.9
10:20 am	21.72	61	4.95	1.9
10:30	21.65	61	4.95	0.5

Comments: Sampled @ 10:31 AM

Verified by: [illegible] **Date:** 7-12-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.9.04 **Well No.:** MW-311 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
36.69	83.5	Clear Mid 90's	45	25

Dissolved Oxygen (mg/L)	Begin Reading:	4.16	Time:	11:25 AM	End Reading:	5.18	Time:	12:25
Redox (mV)	Begin Reading:	342	Time:	11:25 AM	End Reading:	284	Time:	12:25
Iron (mg/L)	Fe (II):	<0.50	Time:	12:30	Fe (Total):	<0.50	Time:	12:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25 AM	23.45	70	5.27	0.5
11:30	21.26	69	5.19	14.6
11:35	21.28	69	5.21	15.2
11:40	21.12	69	5.19	8.8
11:45	21.06	69	5.19	6.0
11:55	20.31	69	5.22	4.0
12:05 pm	20.65	69	5.19	2.8
~~12:15~~ ~~12:15 RER~~	20.56	69	5.19	1.8
12:25	20.73	69	5.19	1.9

Comments: Sampled @ 12:26

Verified by: [signature] **Date:** 7-10-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-9-04 **Well No.:** MW-111 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
37.51	46	Cloudy Mid 90's	40	15.5

Dissolved Oxygen (mg/L)	Begin Reading:	5.97	Time:	12:40	End Reading:	6.16	Time:	1:35
Redox (mV)	Begin Reading:	345	Time:	12:40	End Reading:	3.69	Time:	1:35
Iron (mg/L)	Fe (II):	<0.50	Time:	1:40	Fe (Total):	<0.50	Time:	1:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40 pm	21.59	66	4.70	97.3
12:50	20.82	69	4.73	55.6
1:00 pm	21.01	71	4.70	20.5
1:10	22.80	70	4.70	14.4
1:20	21.56	71	4.71	7.9
1:25	21.81	71	4.70	7.4
1:30	21.40	71	4.71	5.4
1:35	22.91	71	4.71	5.4

Comments: Sampled @ 1:36 pm

Verified by: [signature] **Date:** 7-12-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: REP, RLR

Date: 7.9.04 **Well No.:** MW-211 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
37.93	81		Clear Hi 90's		50		22	
Dissolved Oxygen (mg/L)	Begin Reading:	5.87	Time:	2:00 pm	End Reading:	4.86	Time:	3:20 pm
Redox (mV)	Begin Reading:	3.78	Time:	2:00 pm	End Reading:	355	Time:	3:20 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:20	Fe (Total):	<0.50	Time:	3:25 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00 pm	27.01	87	4.94	2.7
2:10	23.53	88	4.81	4.4
2:20	23.52	88	4.91	2.4
2:30	22.48	88	4.79	1.1
2:40	22.46	88	4.79	3.2
2:50	23.51	8.9	4.80	0.6
2:55	22.00	8.9	4.78	0.5
3:00	22.05	8.9	4.79	1.3
3:05	23.30	89	4.79	0.3
3:10	22.52	89	4.78	0.3
3:15	22.37	89	4.78	0.3
3:20	22.41	89	4.78	0.5

Comments: Sampled @ 3:25 pm

Verified by: [illegible] **Date:** 7-12-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.12.04 **Well No.:** MW-218 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
10.25	39.5	Clear Mid 80's	45	15.5

Dissolved Oxygen (mg/L)	Begin Reading:	4.41	Time:	AM 09:30	End Reading:	1.10	Time:	AM 10:40
Redox (mV)	Begin Reading:	423	Time:	AM 09:30	End Reading:	369	Time:	AM 10:40
Iron (mg/L)	Fe (II):	<0.50	Time:	AM 10:48	Fe (Total):	<0.50	Time:	AM 10:53

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
09:30 AM	26.43	78	5.51	63.9
9:40	23.19	78	5.50	7.2
9:50	24.47	76	5.49	3.9
10:00 AM	23.77	73	5.61	2.7
10:10	24.42	73	5.44	2.7
10:20	24.77	73	5.45	2.3
10:30	24.48	72	5.46	2.0
10:40	24.34	73	5.44	2.1

Comments: Sampled @ 10:41 AM

Verified by: [signature] **Date:** 7-13-04

TTL, Inc.
July2004
Quarterly Monitoring Well Sampling

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

Personnel: KER RLR

Date: 7·12·04 **Well No.:** MW-115 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.10	25	Clear Mid 90's	40	6

Dissolved Oxygen (mg/L)	Begin Reading:	2.97	Time:	11:15 AM	End Reading:	4.65	Time: 11:55 AM
Redox (mV)	Begin Reading:	378	Time:	11:15 AM	End Reading:	366	Time: 11:55 AM
Iron (mg/L)	Fe (II):	<.050	Time:	11:59 AM	Fe (Total):	<.050	Time: 12:04 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:15 AM	21.66	80	4.52	41.2
11:25	26.27	82	4.50	16.9
11:35	26.86	82	4.52	6.2
11:45	26.04	82	4.52	3.7
11:55	26.77	82	4.52	2.6

Comments: Sampled @ 11:56 Collected Duplicates

Verified by: [illegible] **Date:** 7-13-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-12-04 **Well No.:** MW-215 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.29	39.5	Clear Mid 90's	40	20.5

Dissolved Oxygen (mg/L)	Begin Reading:	5.03	Time:	12:35 pm	End Reading:	3.84	Time:	2:10 pm
Redox (mV)	Begin Reading:	378 ~~508~~ RER	Time:	12:35 pm	End Reading:	386	Time:	2:10 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	2:15 pm	Fe (Total):	<0.50	Time:	2:20 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:35 pm	26.01	70	4.87	152
12:45	26.17	70	4.75	151
12:55	23.76	71	4.74	115
1:10 pm	23.87	69	4.72	120
1:20	24.78	71	4.78	45.4
1:30	24.68	71	4.77	37.7
1:40	24.53	70	4.76	16.6
1:50	24.65	71	4.78	10.8
2:00 pm	24.32	71	4.76	10.8
2:10	24.54	71	4.76	10.0

Comments: Sampled @ 2:11

Verified by: [illegible] **Date:** 7-13-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7·13·04 **Well No.:** MW-113 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
10.94	20.5		Clear Mid 80's		40		15	
Dissolved Oxygen (mg/L)	Begin Reading:	4.10	Time:	AM 09:30	End Reading:	3.15	Time:	AM 10:30
Redox (mV)	Begin Reading:	292	Time:	AM 09:30	End Reading:	326	Time:	AM 10:30
Iron (mg/L)	Fe (II):	<0.50	Time:	AM 10:35	Fe (Total):	<0.50	Time:	AM 10:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
09:30 AM	20.86	46	4.14	288
09:40	22.84	44	4.21	153
09:50	22.81	46	4.14	41.0
10:00 AM	21.22	46	4.14	8.4
10:10	21.58	47	4.20	4.0
10:20	21.56	47	4.15	4.7
10:30	21.39	47	4.20	4.1

Comments: Sampled @ 10:31 AM Collected FE

Verified by: [illegible] **Date:** 7-14-04

TTL, Inc.
April 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7·13·04 **Well No.:** MW-213 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
11.13	36		Clear Mid 80's		40		15.5	
Dissolved Oxygen (mg/L)	Begin Reading:	3.66	Time:	AM 11:00	End Reading:	3.73	Time:	PM 12:10
Redox (mV)	Begin Reading:	343	Time:	AM 11:00	End Reading:	322	Time:	PM 12:10
Iron (mg/L)	Fe (II):	<0.50	Time:	PM 12:15	Fe (Total):	<0.50	Time:	PM 12:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00 AM	23.68	53	4.31	184
11:10	22.26	58	4.17	127
11:20	21.69	59	4.28	62.8
11:30	21.54	58	4.28	24.3
11:40	22.96	59	4.27	6.0
11:50	22.90	59	4.28	9.0
12:00 pm	21.88	59	4.28	3.0
12:10	22.53	59	4.28	2.4

Comments: Sampled @ 12:11 pm

Verified by: [illegible] **Date:** 7-14-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER

Date: 7·13·04 **Well No.:** MW-233 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.08	30.5	Rainy Mid 80's	40	15.5

Dissolved Oxygen (mg/L)	Begin Reading:	5.90	Time:	1:40 pm	End Reading:	4.63	Time:	3:00 pm
Redox (mV)	Begin Reading:	330	Time:	1:40 pm	End Reading:	343	Time:	3:00 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:05 pm	Fe (Total):	<0.50	Time:	3:10 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:40 pm	25.89	54	4.83	414
1:50	23.31	56	4.39	81.5
2:00 pm	24.66	57	4.32	12.3
2:10	24.28	57	4.31	7.2
2:20	24.19	57	4.40	5.6
2:30	23.91	56	4.33	6.1
2:40	23.84	56	4.33	6.1
2:50	23.76	57	4.31	6.2
3:00 pm	23.35	57	4.33	5.9

Comments: Sampled @ 3:01 pm

Verified by: [illegible] **Date:** 7-14-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER

Date: 7.13.04 **Well No.:** MW-5A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.16	28.6	Scattered Rain Showers Mid 90's	40	15

Dissolved Oxygen (mg/L)	Begin Reading:	3.24	Time:	3:50 pm	End Reading:	3.06	Time:	4:50 pm
Redox (mV)	Begin Reading:	290	Time:	3:50 pm	End Reading:	180	Time:	4:50 pm
Iron (mg/L)	Fe (II):	4.45 ppm	Time:	5:00 pm	Fe (Total):	4.50 ppm	Time:	5:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:50 pm	21.24	56	5.58	134
4:00 pm	20.12	53	5.77	74.2
4:10	19.76	55	5.81	54.3
4:20	19.99	57	5.83	21.6
4:30	19.75	57	5.83	9.7
4:40	19.66	57	5.84	6.2
4:50	19.87	57	5.84	6.8

Comments: Sampled @ 4:51 pm Collected FE

Verified by: [signature] **Date:** 7.14.04

TTL, Inc.

July 2004

Quarterly Monitoring Well Sampling

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

Personnel: REB RLR

Date: 7.14.04 Well No.: MW-101 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
7.85	12.5	Clear Hot!!!	40	8

Dissolved Oxygen (mg/L)	Begin Reading: 5.10	Time: 9:40 AM	End Reading: 2.54	Time: 10:15 AM
Redox (mV)	Begin Reading: 277	Time: 9:40 AM	End Reading: 279	Time: 10:15 AM
Iron (mg/L)	Fe (II): <0.50	Time: 10:20 AM	Fe (Total): <0.50	Time: 10:25 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:40 AM	24.69	55	4.13	20.2
9:45	23.33	53	4.12	15.6
9:50	23.45	51	4.13	11.9
10:00 AM	23.29	49	4.12	7.3
10:05	23.51	52	4.12	7.6
10:10	23.59	52	4.12	5.7
10:15	23.63	52	4.12	4.2

Comments: Sampled @ 10:16 AM

Verified by: [illegible] Date: 7-15-04 KD

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.14.04 **Well No.:** MW-201 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.0	27.93	Clear Mid 90's	40	15.5

Dissolved Oxygen (mg/L)	Begin Reading:	5.24	Time:	10:35 AM	End Reading:	4.32	Time: 11:10 AM
Redox (mV)	Begin Reading:	278	Time:	10:35 AM	End Reading:	238	Time: 11:10 AM
Iron (mg/L)	Fe (II):	<0.50	Time:	11:15	Fe (Total):	<0.50	Time: 11:20 AM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35 AM	21.41	64	4.63	25.8
10:40	21.27	63	4.70	7.8
10:45	21.28	63	4.70	7.9
10:50	21.21	63	4.69	3.1
10:55	21.33	63	4.68	2.8
11:00 AM	21.27	63	4.70	6.5
11:05	21.28	63	4.70	9.7
11:10	21.20	63	4.69	8.3

Comments: Sampled 11:11 AM GHC AIFA Collected samples

Verified by: [signature] **Date:** 7/15/04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.14.04 **Well No.:** MW-~~103~~ 203 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.79	17.97	Clear 97°c	40	10.5

Dissolved Oxygen (mg/L)	Begin Reading:	6.85	Time:	11:45 AM	End Reading:	5.59	Time:	12:25 PM
Redox (mV)	Begin Reading:	307	Time:	11:45 AM	End Reading:	276	Time:	12:25 PM
Iron (mg/L)	Fe (II):	<0.50	Time:	12:25 PM	Fe (Total):	<0.50	Time:	2:30 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:45 AM	26.71	58	4.28	40.2
11:50	22.90	60	4.23	36.8
11:55	22.76	62	4.18	30.1
12:00	22.73	63	4.20	19.2
12:05	21.81	63	4.21	15.7
12:10	21.88	63	4.21	14.4
12:15	22.01	63	4.20	10.2
12:20	22.05	63	4.20	6.6
12:25	21.88	63	4.20	6.9

Comments: Sampled @ 12:25pm GMC ALFA Collected Samples

MW-203 was Mistaken with Map Illustration To the North of MW-105

Verified by: [illegible] **Date:** 7-15-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.14.04 **Well No.:** MW-~~203~~ 103 BWM **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.44	33.66	Clear 100°	40	6

Dissolved Oxygen (mg/L)	Begin Reading:	6.39	Time:	pm 12:55	End Reading:	3.33	Time:	pm 12:00
Redox (mV)	Begin Reading:	309	Time:	pm 12:55	End Reading:	368	Time:	pm 12:00
Iron (mg/L)	Fe (II):	<0.50	Time:	12:00pm	Fe (Total):	<0.50	Time:	12:05pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:55pm	27.80	113	5.00	>440
1:05pm	27.77	85	5.00	>440
Restart	7-15-04	Depth to water	13.51	
10:00 AM hrs	~~25.64~~ 29.64 RLR	88	5.37	67.6
10:20am	29.97	84	5:04	10.6
10:30am	30.89	85	4.93	6.6
10:40am	30.65	85	4.92	5.3
10:50am	31.10	86	4.89	4.5
11:00am	31.27	86	4.96	4.4
11:10am	29.84	86	4.87	3.1
11:20am	29.43	89	4.87	3.0
11:30am	29.50	90	4.88	2.5
11:40am	28.84	91	4.88	2.4
11:50am	28.92	92	4.88	2.2
12:00pm	29.01	91	4.88	2.8
Note: Recommend	MICRO Purging	For This MW	For Future EVENTS	

Comments: Will resample 7-15-04 Sample @ 12:00pm GME ALFA Collected Samples

MW-103 was mistaken to the south of MW-203 well went Dry @ 1:05pm 7-14-04

Verified by: [signature] **Date:** 7-15-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: BER RLR

Date: 7.14.04 **Well No.:** MW-1A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.78	43.5		Clear 104°		40		13	
Dissolved Oxygen (mg/L)	Begin Reading:	7.61	Time:	2:00 PM	End Reading:	7.30	Time:	2:50pm
Redox (mV)	Begin Reading:	248	Time:	2:00 PM	End Reading:	263	Time:	2:50pm
Iron (mg/L)	Fe (II):	<0.50	Time:	2:55pm	Fe (Total):	<0.50	Time:	3:00pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:00 PM	25.13	70	4.51	> 440
2:05 PM	22.14	67	4.49	231
2:10 PM	21.91	69	4.46	83
2:15 PM	22.00	69	4.48	35.5
2:20 PM	21.84	68	RLR 4.47	32.5
2:25 PM	21.92	67	4.48	26.6
2:30 PM	21.89	70	4.47	22.2
2:35 pm	22.42	70	4.52	10.9
2:40 pm	21.98	69	4.49	8.7
2:45 pm	21.60	70	4.49	7.2
2:50pm	22.09	70	4.50	7.0

Comments: Sampled @ 2:55pm

Verified by: [illegible] **Date:** 7-15-04

TTL, Inc.
July2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-15-04 **Well No.:** MW-4A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
17.65	49.5		Partly Cloudy Low 90's		40		15.5	
Dissolved Oxygen (mg/L)	Begin Reading:	6.65	Time:	1:15 pm	End Reading:	4.83	Time:	3:30 pm
Redox (mV)	Begin Reading:	269	Time:	1:15 pm	End Reading:	278	Time:	3:30 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:35 pm	Fe (Total):	<0.50	Time:	3:40 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15 pm	23.50	54	4.98	23.9
1:20	21.65	50	4.88	25.7
1:30	23.27	52	4.99	18.7
1:40	24.54	53	5.12	14.3
1:50	24.14	52	5.25	9.9
2:00 pm	24.10	52	5.26	8.5
2:10	24.86	53	5.36	7.8
2:20	24.66	52	5.40	9.2
2:30	24.69	53	5.43	5.2
2:40	24.32	53	5.38	7.2
2:50	24.52	52	5.47	5.5
3:00	24.27	53	5.46	6.1
3:10	24.14	53	5.49	6.7
3:20	24.65	53	5.48	5.6
3:30	24.41	52	5.49	6.0

Comments: Sampled @ 3:30pm Collected Duplicate

GMC
AIFA Collected Samples

Verified by: [illegible] **Date:** 7-16-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: BER

Date: 7.16.04 **Well No.:** MW-122 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
19.29	27		Partly Cloudy Hi 80s		40		20	
Dissolved Oxygen (mg/L)	Begin Reading:	4.57	Time:	10:40 AM	End Reading:	4.09	Time:	1:00 PM
Redox (mV)	Begin Reading:	435	Time:	10:40 AM	End Reading:	368	Time:	1:00 PM
Iron (mg/L)	Fe (II):	<0.50	Time:	1:05	Fe (Total):	<0.50	Time:	1:10 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 AM	24.17	95	5.09	192
10:50	23.25	83	5.03	109
11:00	23.15	85	5.04	83.6
11:10	22.69	85	5.02	71.2
11:20	23.31	85	5.16	61.1
11:30	23.42	85	5.17	46.6
11:40	23.62	85	5.20	45.3
11:50	22.99	86	5.23	27.6
12:00	23.04	85	5.22	19.4
12:10	23.43	85	5.42	17.5
12:20	23.27	85	BER ~~5.42~~ 5.42	14.1
12:30	23.42	85	5.44	11.1
12:40	23.69	86	5.43	9.8
12:50	23.89	85	~~5.44~~ 5.44	8.7
1:00	23.77	85	5.44	9.0

Comments: Sampled @ 1:00pm Collected Duplicate

Verified by: [illegible] **Date:** 7-16-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER

Date: 7-16-04 **Well No.:** 222 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.25	57.5	Partly Cloudy Low 90's	40	20.5

Dissolved Oxygen (mg/L)	Begin Reading:	6.73	Time:	1:40 pm	End Reading:	6.38	Time:	3:10 pm
Redox (mV)	Begin Reading:	3.61	Time:	1:40 pm	End Reading:	345	Time:	3:10 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:20	Fe (Total):	<0.50	Time:	3:25 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:40 pm ~~27.15~~	27.15	48	5.87	7.3
1:50	26.51	43	5.99	16.0
2:00 pm	27.03	42	6.01	8.3
2:10	26.25	43	6.06	6.6
2:20	26.04	43	6.05	5.8
2:30	26.23	42	6.07	6.1
2:40	26.81	43	6.10	5.9
2:50	26.97	44	6.09	5.3
3:00 pm	26.40	44	6.09	8.3
3:10	26.29	43	6.10	5.1

Comments: Sampled @ 3:10 pm

Verified by: [signature] **Date:** 7-16-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.19.04 **Well No.:** MW-220 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
24.76	31.5	Clear Mid 80's	40	16

Dissolved Oxygen (mg/L)	Begin Reading:	5.30	Time:	12:20 AM	End Reading:	5.24	Time:	11:50 AM
Redox (mV)	Begin Reading:	362	Time:	10:20 AM	End Reading:	350	Time:	11:50 AM
Iron (mg/L)	Fe (II):	<0.50	Time:	11:55 AM	Fe (Total):	<0.50	Time:	12:00 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:20 AM	22.46	78	4.64	42.3
10:30	20.11	74	4.60	37.5
10:40	20.49	74	4.74	36.3
10:50	20.69	75	4.81	28.3
11:00 AM	20.37	74	4.87	19.6
11:10	20.28	74	4.86	15.3
11:20	20.31	75	4.88	11.7
11:30	20.36	75	4.87	8.4
11:40	20.31	75	4.88	7.4
11:50	20.35	74	4.88	7.5

Comments: Sampled @ 11:50

Verified by: [illegible] **Date:** 7-20-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.19.04 **Well No.:** MW-214A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
8.24	19		Clear Mid 90's		40		10	
Dissolved Oxygen (mg/L)	Begin Reading:	4.09	Time:	12:30	End Reading:	3.03	Time:	1:35 pm
Redox (mV)	Begin Reading:	375	Time:	12:30	End Reading:	309	Time:	1:35 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	1:38 pm	Fe (Total):	<0.50	Time:	1:43 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30	24.27	87	5.04	62.2
12:35	21.74	87	5.11	58.0
12:40	21.58	86	5.14	48.8
12:45	21.32	87	5.16	28.6
12:50	21.53	87	5.21	21.6
12:55	21.51	87	5.20	19.8
1:00	21.97	87	5.20	15.6
RLR 1:05 ~~1:10~~	21.20	87	5.21	14.6
1:10	21.23	87	5.22	10.9
1:15	21.03	87	5.24	9.7
1:20	21.22	87	5.23	10.0
1:25	21.31	87	5.24	10.1
1:30	21.32	87	5.24	9.4
1:35	21.37	87	5.24	9.7

Comments: Sampled @ 1:35 pm

Verified by: [signature] **Date:** 7-20-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7·19·04 **Well No.:** 216 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.11	40.5	Clear mid 90's	40	10

Dissolved Oxygen (mg/L)	Begin Reading:	5.37	Time:	2:40 pm ~~5.37~~	End Reading:	5.60	Time:	3:40 pm
Redox (mV)	Begin Reading:	366	Time:	2:40 pm	End Reading:	371	Time:	3:40 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:44 pm	Fe (Total):	<0.50	Time:	3:49 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40 pm	27.14	81	5.39	37.9
2:50	24.97	73	4.99	78.2
3:00 pm	24.51	73	4.89	38.8
3:10	24.30	73	4.79	13.3
3:20	23.82	72	4.85	~~8.0~~ RLR 8.0
3:30	24.04	72	4.85	7.2
3:40	23.91	72	4.85	4.1

Comments: Sampled @ 3:40 pm Collected Duplicates

Verified by: [signature] **Date:** 7-20-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: BER RLR

Date: 7.19.04 **Well No.:** 116 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
7.89	19.		Clear Mid 90's		40		20	
Dissolved Oxygen (mg/L)	Begin Reading:	5.93	Time:	4:05 pm	End Reading:	3.45	Time:	6:15 pm
Redox (mV)	Begin Reading:	325	Time:	4:05 pm	End Reading:	287	Time:	6:15 pm
Iron (mg/L)	Fe (II):	0.80 ppm	Time:	6:20 pm	Fe (Total):	0.85 ppm	Time:	6:25 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
4:05 pm	30.39	88	5.43	374
4:15	28.71	84	5.60	200
4:25	28.30	85	5.67	157
4:35	28.51	83	5.64	105
4:45	28.49	84	5.65	59.0
4:55	28.49	83	5.67	51.3
5:05 pm	28.18	83	5.68	42.3
5:15	27.94	82	5.70	26.3
5:25	28.06	83	5.73	19.3
5:35	27.86	83	5.73	18.1
5:45	27.77	83	5.69	19.8
5:55	27.62	83	5.69	14.3
6:05 pm	26.89	83	5.69	14.1
6:15	26.87	83	5.70	14.9
FE(II) overrange				
Diluted 20 mls to 100 mls				

Comments: Sampled @ 6:15 pm Collected FE

Verified by: [signature] **Date:** 7-2004

TTL, Inc.

July 2004

Quarterly Monitoring Well Sampling

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

Personnel: BER RLR

Date: 7·20·04 **Well No.:** MW-125 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
16.83	25		Clear Mid 90's		40		25	
Dissolved Oxygen (mg/L)	Begin Reading:	5.80	Time:	AM 11:35	End Reading:	6.30	Time:	PM 2:15
Redox (mV)	Begin Reading:	567	Time:	AM 11:35	End Reading:	536	Time:	PM 2:15
Iron (mg/L)	Fe (II):	<0.50	Time:	PM 2:20	Fe (Total):	<0.50	Time:	PM 2:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:35 AM	33.09	83	4.62	367
11:45	28.74	65	4.44	~~202~~ 354 RLR
11:55	28.53	62	4.47	280
12:05 pm	28.14	64	4.46	269
12:15	26.51	65	4.47	181
12:25	25.98	65	4.47	80.1
12:35	27.55	65	4.48	65.4
12:45	27.56	65	4.53	54.8
12:55	27.67	65	4.49	47.8
1:05 pm	27.23	65	4.53	45.7
1:15	27.71	64	4.58	38.9
1:25	27.68	65	4.61	31.7
1:35	27.92	65	4.60	23.5
1:45	28.34	65	4.58	18.3
1:55	27.80	65	4.61	10.3
2:05	27.85	64	4.61	8.9
2:15	28.09	64	4.63	8.7

Comments: Sampled @ 2:15 pm

Verified by: [signature] **Date:** 7-21-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/21/04 Well No.: MW-225 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.78	40.5	clear mid 90's	40	12

Dissolved Oxygen (mg/L)	Begin Reading:	4.62	Time:	10:00am	End Reading:	5.17	Time:	11:30
Redox (mV)	Begin Reading:	569	Time:	10:00am	End Reading:	~~5.37~~ 537	Time:	11:30
Iron (mg/L)	Fe (II):	<0.50	Time:	11:30	Fe (Total):	<0.50	Time:	11:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:00am	24.56	111	5.93	37.4
10:10	24.45	89	5.71	15.5
10:20	25.85	83	5.59	5.9
10:30	25.97	83	5.49	3.5
10:40	25.45	77	5.41	3.1
10:50	25.51	76	5.37	3.2
11:00am	24.37	75	5.37	3.0
11:10am	25.61	74	5.37	3.5
11:20am	25.22	74	5.38	1.6
11:30am	25.11	74	5.37	2.1

Comments: Sampled @ 11:30 am Collected TOC

Verified by: [illegible] Date: 7-21-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7·21·04 **Well No.:** MW-230 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
19.72	51.5	Clear Low 90s		40		17	
Dissolved Oxygen (mg/L)	Begin Reading: 6.92	Time:	12:40 pm	End Reading:	5.92	Time:	1:50 pm
Redox (mV)	Begin Reading: 5.55	Time:	12:40 pm	End Reading:	5.44	Time:	1:50 pm
Iron (mg/L)	Fe (II): <0.50	Time:	1:56	Fe (Total):	<0.50	Time:	2:01 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40 pm	29.61	127	5.56	26.8
12:50	23.45	121	5.33	14.7
1:00 pm	23.22	122	5.23	8.9
1:10 pm	23.29	122	5.16	9.1
1:20 pm	22.67	122	5.22	8.8
1:30	23.11	123	5.21	8.2
1:40	22.84	122	5.22	9.0
1:50	23.44	122	5.22	8.7

Comments: Sampled @ 1:50pm Collected TOC

Verified by: [illegible] **Date:** 7-21-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-21-04 **Well No.:** MW-130 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.79	28	Clear Low 90's	40	25

Dissolved Oxygen (mg/L)	Begin Reading:	6.35	Time:	2:35 pm	End Reading:	6.58	Time:	4:25 pm
Redox (mV)	Begin Reading:	414.8	Time:	2:35 pm	End Reading:	505	Time:	4:25 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	4:29 pm	Fe (Total):	<0.50	Time:	4.34 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:35 pm	26.92	83	5.42	301
2:45	22.97	88	5.31	156
2:55	22.75	91	5.30	75.3
3:05 pm	22.83	91	5.30	55.6
3:15	22.53	91	5.31	42.8
3:25	22.40	92	5.34	35.5
3:35	22.50	92	5.35	29.9
~~3:45~~ ~~3:55~~	22.75	92	5.33	28.8
3:55	22.14	94	5.32	19.6
4:05 pm	22.04	93	5.36	10.9
4:15	22.15	93	5.36	9.7
4:25	22.03	93	5.36	8.3

Comments: Sampled @ 4:25 pm Collected TOC & FE

Verified by: [signature] **Date:** 7-21-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.22.04 **Well No.:** MW-206 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.61	54.5	Clear Mid 90s	40	30

Dissolved Oxygen (mg/L)	Begin Reading:	5.36	Time:	AM 10:10	End Reading:	4.46	Time:	PM 12:10
Redox (mV)	Begin Reading:	408	Time:	AM 10:10	End Reading:	409	Time:	PM 12:10
Iron (mg/L)	Fe (II):	<0.50	Time:	PM 12:15	Fe (Total):	<0.50	Time:	PM 12:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:10 AM	29.25	144	6.96	17.6
10:20	26.11	103	6.49	5.9
10:30	26.50	103	6.51	3.7
10:40	26.51	100	6.55	3.0
10:50	26.29	100	6.53	3.5
11:00 AM	26.74	98	6.53	2.2
11:10	26.27	94	6.48	2.9
11:20	26.73	90	6.48	2.6
11:30	26.53	88	6.40	3.4
11:40	27.55	88	6.39	2.2
11:50	27.03	87	6.36	3.0
12:00 pm	26.97	87	6.36	3.3
12:10	27.09	87	6.36	3.1

Comments: Sampled @ 12:10 pm Collected TOC

Verified by: [illegible] **Date:** 7-23-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-22-04 **Well No.:** MW-106 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
25.66	35		Clear High 90's		40		15	
Dissolved Oxygen (mg/L)	Begin Reading:	5.24	Time:	PM 12:30	End Reading:	5.22	Time:	PM 1:40
Redox (mV)	Begin Reading:	476	Time:	PM 12:30	End Reading:	555	Time:	PM 1:40
Iron (mg/L)	Fe (II):	<0.50	Time:	1:45	Fe (Total):	<0.50	Time:	1:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:30 pm	25.76	64	4.65	42.7
12:40	25.62	63	4.55	20.7
12:50	25.76	63	4.58	12.7
1:00pm	25.55	64	4.59	5.2
1:10	25.78	64	4.58	3.8
1:20	25.40	63	4.59	3.0
1:30	25.88	63	4.59	5.2
1:40	25.90	64	4.58	3.1

Comments: Sampled @ 1:40 pm Collected TOC & Duplicates

Verified by: [illegible] **Date:** 7-23-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.22.04 **Well No.:** MW-~~137A~~ 135A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.93	37.0	Clear High 90's	40	12.5

Dissolved Oxygen (mg/L)	Begin Reading:	477	Time:	2:40 pm	End Reading:	500	Time:	3:40 pm
Redox (mV)	Begin Reading:	521	Time:	2:40 pm	End Reading:	511	Time:	3:40 pm
Iron (mg/L)	Fe (II):	<0.50	Time:	3:45 pm	Fe (Total):	<0.50	Time:	3:50 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40 pm	28.13	75	5.08	30.5
2:50	25.75	76	5.10	25.9
3:00	26.01	74	~~5.14~~ 5.14	17.6
3:10	25.08	74	5.17	11.6
3:20	25.05	74	5.14	9.8
3:30	25.34	74	5.14	9.0
3:40	25.63	74	5.14	9.9

Comments: Sampled @ 3:40 pm Collected FE

Verified by: [illegible] **Date:** 7-23-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/23/04 **Well No.:** MW-235B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.81	45	Clear upper 90's	40	12

Dissolved Oxygen (mg/L)	Begin Reading:	4.24 ~~2.24~~	Time: 8:50	End Reading:	4.01	Time:	10:30am
Redox (mV)	Begin Reading:	229	Time: 8:50	End Reading:	357	Time:	10:30am
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)
8:50am	25.55	98	6.14	69.1
9:00am	24.19	71	5.78	23.1
9:10am	24.23	70	5.56	14.8
9:20	24.39	70	5.53	12.6
9:30	24.45	69	5.50	9.6
9:40	24.66	70	5.45	9.2
9:50	24.82	70	5.44	5.6
10:00	24.76	70	5.44	4.8
10:10	24.94	70	5.43	4.2
10:20	24.95	70	5.43	3.3
10:30	25.04	70	5.43	3.1

Comments: Sampled @ 10:30am ~~Collected Free~~

Verified by: [illegible] **Date:** 7-24-04

TTL, Inc.
July2004
Quarterly Monitoring Well Sampling

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

Personnel: BLR

Date: 7/23/04 **Well No.:** MW-28C **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.37	55	Clear upper 90's	40	17

Dissolved Oxygen (mg/L)	Begin Reading:	5.38	Time:	11:00am	End Reading:	5.41	Time:	12:00pm
Redox (mV)	Begin Reading:	358	Time:	11:00am	End Reading:	401	Time:	12:00pm
Iron (mg/L)	Fe (II):	<0.50	Time:	12:00pm	Fe (Total):	<0.50	Time:	12:05pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:00am	28.10	83	5.56	32.5
11:10	27.24	70	5.21	12.9
11:20	26.73	67	5.13	4.7
11:30	26.53	65	5.07	4.1
11:40	26.20	61	5.07	3.9
11:50	25.60	61	5.07	4.3
12:00	26.14	61	5.07	3.3

Comments: Sampled @ 12:05pm

Verified by: [illegible] **Date:** 7-24-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: BER RLR

Date: 7.26.04 **Well No.:** CMT 1-1 **Sampling Method:** geopump Peristaltic ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.16	43.4	Clear Mid 80's	N/A	4

Dissolved Oxygen (mg/L)	Begin Reading:	2.66	Time:	10:30 AM	End Reading:	2.70	Time:	3:34 PM
Redox (mV)	Begin Reading:	337	Time:	10:30	End Reading:	168	Time:	3:34 PM
Iron (mg/L)	Fe (II):	1.70	Time:	3:39	Fe (Total):	1.85	Time:	3:44

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 AM	24.60	69	6.52	63.9
10:40	30.37	132	6.65	33.2
11:05	31.14	170	6.87	21.2
11:29	31.38	191	6.80	22.9
11:54	31.42	204	6.81	8.8
12:12	32.64	214	6.87	14.0
12:36	34.14	221	6.89	13.2
12:56	33.42	223	6.93	20.4
1:15	34.40	226	6.94	25.7
1:35	35.05	227	7.01	21.1
1:47	34.97	228	7.00	15.8
2:24	34.06	229	6.95	15.5
2:48	32.64	229	6.94	12.3
3:12	32.65	228	6.96	12.6
3:34	33.57	229	6.95	12.9

Comments: Sampled @ 3:34 pm

Verified by: [signature] **Date:** 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-26-04 **Well No.:** CMT 1-2 **Sampling Method:** Geo pump ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.11	39.6	Clear Mid 80's	N/A	4

Dissolved Oxygen (mg/L)	Begin Reading:	3.10	Time:	10:40	End Reading:	2.88	Time:	3:10 pm
Redox (mV)	Begin Reading:	303	Time:	10:40	End Reading:	167	Time:	3:10 pm
Iron (mg/L)	Fe (II):	2.75	Time:	3:15	Fe (Total):	2.85	Time:	3:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 AM	31.50	110	6.57	166
~~10:50~~ 11:10 AM	32.45	216	6.79	29.9
11:36	32.21	237	6.85	14.9
12:02 pm	33.06	236	6.77	8.7
12:24	33.33	232	6.85	10.6
12:51	34.40	228	6.86	10.2
1:35 pm	34.86	226	6.68	14.6
2:05 pm	35.63	219	6.74	15.9
2:40	33.86	219	6.71	12.2
3:10	34.33	219	6.72	12.9

Comments: Sampled 3:10 pm

Verified by: [signature] **Date:** 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: JMR RER

Date: 7-26-04 **Well No.:** CMT 1-3 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.16	35.6	Clear Hi 80s	NA	4

Dissolved Oxygen (mg/L)	Begin Reading:	6.81	Time:	11:10	End Reading:	2.98	Time:	2:53
Redox (mV)	Begin Reading:	258	Time:	11:10	End Reading:	182	Time:	2:53
Iron (mg/L)	Fe (II):	<0.50	Time:	2:55	Fe (Total):	<0.50	Time:	3:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:10	33.07	49	6.85	155
11:43	37.23	169	7.16	14.5
12:11	38.68	174	7.12	10.2
12:55	38.92	177	7.12	8.3
12:58	39.78	178	7.09	8.7
1:24	40.32	176	7.10	6.7
1:55	40.38	175	7.03	7.3
2:25	40.23	174	7.11	8.6
2:53	40.25	175	7.10	7.2

Comments: Sampled @ 2:53

Verified by: [signature] **Date:** 7-28-04

TTL, Inc.
July2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7.27.04 **Well No.:** CMT 1-4 **Sampling Method:** Peristaltic ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.15	31.9	Cloudy Low 90s	N/A	

Dissolved Oxygen (mg/L)	Begin Reading:	5.69	Time:	9:05	End Reading:		Time:	
Redox (mV)	Begin Reading:	165	Time:	9:05	End Reading:		Time:	
Iron (mg/L)	Fe (II):		Time:		Fe (Total):		Time:	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:05	24.51	79	7.03	167

Comments: Port went Dry, never recovered only received Less than 1qt vol of H2O pumped for 2 hours

Verified by: [illegible] **Date:** 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-27-04 **Well No.:** CMT 1-5 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.13	29.5	Cloudy Low 80's	N/A	3.5

Dissolved Oxygen (mg/L)	Begin Reading:	3.48	Time:	9:07	End Reading:	2.38	Time: 11:30
Redox (mV)	Begin Reading:	155	Time:	9:07	End Reading:	171	Time: 11:30
Iron (mg/L)	Fe (II):	4.50 ~~<0.50~~	Time:	11:30	Fe (Total):	4.55	Time: 11:35 ~~<0.50~~

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:07	23.40	22	6.75	183
9:17	23.66	156	6.69	12.1
9:38	23.94	197	6.57	4.6
9:44	24.06	214	6.57	4.5
9:54	24.08	230	6.52	5.9
10:05	24.12	240	6.51	3.2
10:12	24.34	246	6.54	3.5
10:22	24.18	253	6.47	5.5
10:33	24.16	261	6.45	5.3
10:45	24.59	263	6.49	6.9
10:56	24.97	265	6.43	5.0
11:04	24.83	262	6.45	3.6
11:14	24.86	264	6.46	3.4
11:28	25.38	266	6.47	3.5

Comments: Sample @ 11:30 am

Verified by: [signature] **Date:** 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-27-04 **Well No.:** CMT 1-6 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.15	RLR ~~29.5~~ 47.7	Cloudy, Low 80s	N/A	3

Dissolved Oxygen (mg/L)	Begin Reading:	5.53	Time:	9:08	End Reading:	2.27	Time:	12:10pm
Redox (mV)	Begin Reading:	161	Time:	9:08	End Reading:	187	Time:	12:10pm
Iron (mg/L)	Fe (II):	3.05	Time:	12:10pm	Fe (Total):	3.40	Time:	12:15pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:08	26.16	22	6.63	168
9:17	23.67	108	6.57	RLR ~~12.7~~ 60.9
9:39	27.03	109	6.59	23.9
9:56	27.54	110	6.63	RLR ~~3~~ 3.9
RLR 10:03	27.32	110	6.54	3.1
10:22	27.58	111	6.59	4.6
10:47	28.34	113	6.63	4.7
11:03	28.54	113	6.61	3.6
11:26	29.03	115	6.63	2.6
11:48	29.15	113	6.64	2.5
12:10	29.36	113	6.62	2.1

Comments: Sampled @ 12:10pm

Verified by: [signature] **Date:** 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER RLR

Date: 7-27-04 **Well No.:** CMT 1-7 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.18	Rel ~~47.7~~ 51.5	Cloudy Low 80's	N/A	4

Dissolved Oxygen (mg/L)	Begin Reading:	3.30	Time:	9:10	End Reading:	2.60	Time:	10:35am
Redox (mV)	Begin Reading:	160	Time:	9:10	End Reading:	231	Time:	10:35am
Iron (mg/L)	Fe (II):	<0.50	Time:	10:35am	Fe (Total):	<.050	Time:	10:40 am ~~<0.50~~

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:10	23.75	58	6.65	37.7
9:15	23.21	65	6.29	10.4
9:21	23.10	73	6.44	9.5
9:27	23.01	97	6.29	8.2
9:32	23.40	101	6.33	6.5
9:38	23.21	125	6.19	6.3
9:44	23.46	69	6.18	4.6
9:51	23.07	133	6.18	4.6
9:58	23.06	109	6.06	3.6
9:09	23.47	135	6.06	4.4
10:06	23.04	132	6.06	4.9
10:13	23.18	135	6.06	2.6
10:20	22.98	135	6.04	3.7
10:27	23.18	135	6.05	3.2
10:35	23.13	135	6.05	3.1

Comments: Sampled @ 10:35am

Verified by: [signature] **Date:** 7-28-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/28/04 **Well No.:** CMT 4 – 2 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.61	~~51.5~~ 32	Cloudy 90's	N/A	4.5

Dissolved Oxygen (mg/L)	Begin Reading:	1.36	Time:	10:40am	End Reading: 2.57	Time:	12:40pm
Redox (mV)	Begin Reading:	200	Time:	10:40am	End Reading: 247	Time:	12:40pm
Iron (mg/L)	Fe (II):	1.20	Time:	12:40pm	Fe (Total): 1.25	Time:	12:45pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 am	22.11	137	6.03	8.0
10:46	22.16	126	5.82	3.8
10:53	22.36	117	5.82	5.4
11:00	22.25	111	5.71	3.3
11:08	22.38	106	5.70	3.3
11:15	22.16	103	5.70	2.3
11:22	22.37	100	5.72	4.0
11:28	22.35	97	5.65	4.2
11:36	22.49	96	5.65	3.2
11:42	23.50	95	5.62	3.0
11:49	23.55	92	5.64	4.1
11:58	22.36	90	5.64	4.8
12:08	22.45	86	5.64	4.2
12:15	22.44	85	5.64	1.9
12:23	22.48	85	5.64	3.6
12:30	22.57	84	5.65	2.5
12:40	22.56	84	5.65	2.4

Comments: Sampled @ 12:40 pm

Verified by: [signature] **Date:** 7-29-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLN

Date: 7/28/04 **Well No.:** CMT 4 - 3 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.61	~~32~~ 37	Clear Low 90's	N/A	4

Dissolved Oxygen (mg/L)	Begin Reading:	1.58	Time:	10:49am	End Reading:	2.09	Time: 2:08pm
Redox (mV)	Begin Reading:	208	Time:	10:49am	End Reading:	202	Time: 2:08pm
Iron (mg/L)	Fe (II):	3.30 RLN ~~2:08pm~~	Time:	2:08pm	Fe (Total):	3.35	Time: 2:13pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:49am	25.05	123	6.33	47.3
11:03am	24.34	129	6.33	10.7
11:16am	23.94	146	6.33	6.5
11:30	24.10	146	6.38	8.4
11:35	24.47	143	6.35	4.9
11:50am	24.39	142	6.26	4.1
12:03pm	24.08	141	6.31	4.2
12:17	23.99	140	6.25	4.1
12:32	24.19	140	6.24	4.5
12:47	24.23	141	6.24	4.9
1:09	24.79	139	6.24	5.4
1:23	24.81	138	6.24	5.4
1:41	24.98	138	6.24	4.9
2:08pm	24.79	137	6.25	4.9

Comments: Sampled @ 2:08

Verified by: [illegible] **Date:** 7-29-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/28/04 **Well No.:** CMT 4-4 **Sampling Method:** ~~Bladder Pump~~ Peristaltic

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.61	42	Cloudy Low 90's	N/A	5.5

Dissolved Oxygen (mg/L)	Begin Reading:	1.98	Time:	2:40pm	End Reading:	2.38	Time:	4:10pm
Redox (mV)	Begin Reading:	202	Time:	2:40pm	End Reading:	273	Time:	4:10pm
Iron (mg/L)	Fe (II):	3.15	Time:	4:10pm	Fe (Total):	3.20	Time:	4:15pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:40pm	24.95	143	6.21	>400
2:47	23.96	122	5.82	256
2:56	23.90	106	5.77	160
3:04	23.71	109	5.71	85.1
3:14	23.64	105	5.68	73.0
3:23	23.54	104	5.60	47.0
3:32	23.43	102	5.60	26.4
3:39	23.54	102	5.60	19.1
3:46	23.70	102	5.61	15.0
3:54	23.68	103	5.61	9.6
4:01	23.91	103	5.62	7.2
4:10	23.78	102	5.61	6.5

Comments: Sampled @ 4:10pm

Verified by: [signature] **Date:** 7-29-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7.29.04 **Well No.:** CMT 4-5 **Sampling Method:** ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.62	48	Cloudy Mid 90's	N/A	3

Dissolved Oxygen (mg/L)	Begin Reading:	2.60	Time:	10:40 AM	End Reading:	2.29	Time:	12:39pm
Redox (mV)	Begin Reading:	319	Time:	10:40 AM	End Reading:	209	Time:	12:39pm
Iron (mg/L)	Fe (II):	4.25	Time:	12:39	Fe (Total):	4.35	Time:	12:45pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 AM	26.13	210	6.56	29.4
10:54	24.19	167	6.64	23.7
11:02	24.17	174	6.62	11.7
PLW 11:12	24.18	182	6.62	11.1
11:24am	24.16	192	6.62	15.5
11:34	24.11	198	6.62	14.6
11:43	24.38	199	6.62	20.8
11:52	24.22	200	6.62	19.6
12:04	24.32	200	6.62	13.6
12:14	24.22	200	6.61	10.6
12:27	24.32	200	6.61	8.6
12:39	24.35	201	6.60	6.8

Comments: Sampled @ 12:39 pm

Diluted sample 10mL to 100mL Iron (Fe)

Verified by: [illegible] **Date:** 7-29-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/29/04 **Well No.:** CMT 4-6 **Sampling Method:** Peristaltic ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.62	54 RLR ~~54~~ ~~48~~	Cloudy Mid 90's	N/A	3

Dissolved Oxygen (mg/L)	Begin Reading:	2.95	Time:	10:40	End Reading:	1.47	Time:	12:33pm
Redox (mV)	Begin Reading:	294	Time:	10:40	End Reading:	207	Time:	12:33pm
Iron (mg/L)	Fe (II):	1.65	Time:	12:33pm	Fe (Total):	1.85	Time:	12:38pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 am	25.60	156	6.44	225
10:45am	24.41	159	6.49	96.1
11:00am	24.98	157	6.35	79.3
11:10	25.03	152	6.32	73.8
11:22	24.75	150	6.32	50.0
11:32	24.81	147	6.28	38.3
11:41	24.89	147	6.28	35.1
11:50	24.68	144	6.20	27.2
11:59	24.71	144	6.20	19.5
12:07	24.65	142	6.20	16.3
12:16	24.57	141	6.20	10.6
12:24	24.78	141	6.21	8.8
12:33	24.78	140	6.21	8.2

Comments: Sampled @ 12:33 pm

Verified by: [signature] **Date:** 7-29-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RER

Date: 7.29.04 **Well No.:** CMT 4-7 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
X	55.8	Clear mid 90's	NA	3.5

Dissolved Oxygen (mg/L)	Begin Reading:	2.39	Time:	1:10 pm	End Reading:	1.93	Time:	2:52 pm
Redox (mV)	Begin Reading:	210	Time:	1:10 pm	End Reading:	270	Time:	2:52 pm
Iron (mg/L)	Fe (II):	2.45	Time:	2:55 pm	Fe (Total):	2.50	Time:	3:00 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:10 pm	25.22	111	5.96	98.5
1:19	24.13	112	5.80	46.0
1:28	24.45	112	5.83	21.0
1:39	23.89	113	5.85	12.3
1:47	23.80	115	5.86	10.8
1:55	23.84	116	5.89	7.9
2:03 pm	24.11	118	5.91	5.8
2:12	24.29	117	5.89	5.3
2:20	24.32	116	5.91	6.4
2:28	24.40	114	5.89	5.5
2:36	24.43	113	5.90	7.4
2:44	24.50	113	5.90	5.1
2:52	24.33	113	5.90	5.1

Comments: Sampled @ 2:52 pm

Depth to water could be measured due to the water level indicator cable

Verified by: Not able to advance thru the port **Date:** 7-29-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/30/04 **Well No.:** CMT 2-1 **Sampling Method:** ~~Bladder~~ PNEUMATIC Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.38	32.6	Mid 90's Windy	N/A	3

Dissolved Oxygen (mg/L)	Begin Reading:	~~9.54~~ 3.12	Time:	9:30am	End Reading:	2.25	Time:	11:20am
Redox (mV)	Begin Reading:	530	Time:	9:30am	End Reading:	524	Time:	11:20am
Iron (mg/L)	Fe (II):	<0.50	Time:	11:20am	Fe (Total):	<0.50	Time:	11:25am RLR ~~<0.50~~

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30am	26.28	98	6.00	90.1
9:37	25.60	89	5.58	36.3
9:45	25.44	92	5.57	~~9.45~~ RLR
9:53	25.31	94	5.59	9.8
10:01	25.49	95	5.54	6.2
10:09	25.53	97	5.53	5.0
10:16	25.59	97	5.53	4.3
10:24	25.70	98	5.52	4.4
10:32	25.77	98	5.53	5.8
10:41	25.47	100	5.52	4.5
10:49	25.45	100	5.52	4.3
10:59	25.53	102	5.57	2.9
11:09	25.60	102	5.57	3.4

Comments: Sampled @ 11:20 am

Verified by: [illegible] **Date:** 7-30-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLM

Date: 7/30/04 Well No.: CMT 2-2 Sampling Method: ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.38	40.6	Cloudy Mid 90's	N/A	4.5

Dissolved Oxygen (mg/L)	Begin Reading:	2.83	Time:	9:30am	End Reading:	3.47	Time:	12:01pm
Redox (mV)	Begin Reading:	515	Time:	9:30am	End Reading:	425	Time:	12:01pm
Iron (mg/L)	Fe (II):	<0.50	Time:	12:01pm	Fe (Total):	<0.50	Time:	12:05pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:30am	26.30	85	5.57	119
9:34	25.17	73	5.56	41.8
9:41	24.93	69	5.51	40.4
9:47	24.86	66	5.51	37.5
9:55	24.79	67	5.39	31.5
10:02	25.02	68	5.43	27.9
10:10	25.12	68	5.43	26.9
10:18	25.23	68	5.43	23.3
10:26	25.27	68	5.42	21.7
10:34	25.20	67	5.39	20.0
10:43	25.13	66	5.39	13.6
10:51	24.90	66	5.38	12.9
11:00	25.52	65	5.36	11.6
11:10	25.17	64	5.32	12.2
11:28	25.41	64	5.32	9.8
11:37	25.48	64	5.32	9.0
11:47	25.47	64	5.33	8.1
12:01	25.59	63	5.32	7.9

Comments: Sampled @ 12:01 pm

Verified by: [signature] Date: 7-30-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: BLR

Date: 7/30/04 **Well No.:** CMT 2-6 **Sampling Method:** ~~Bladder~~ PERISTALTIC Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.39	56.4	Cloudy Low 90's	N/A	2.5

Dissolved Oxygen (mg/L)	Begin Reading:	2.38	Time:	11:38am	End Reading:	1.87	Time:	1:24pm
Redox (mV)	Begin Reading:	432	Time:	11:38am	End Reading:	345	Time:	1:24pm
Iron (mg/L)	Fe (II):	100	Time:	1:24pm	Fe (Total):	105	Time:	1:24pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:38am	27.39	183	6.63	25.0
11:49am	26.25	177	6.63	8.1
12:02pm	26.11	158	6.76	47.7
12:14	26.27	136	6.82	13.9
12:26	26.29	117	6.81	7.0
12:35	26.19	108	6.74	6.1
12:42	26.46	104	6.71	4.6
12:52	26.52	99	6.71	6.2
1:03pm	26.25	95	6.71	3.1
1:13pm	26.15	95	6.71	3.5
1:24pm	26.03	95	6.71	2.6

Comments: Sampled @ 1:24 pm

Verified by: [signature] **Date:** 7-30-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel: RLR

Date: 7/28/04 **Well No.:** CMT 4-1 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
DRY	26	cloudy low 90's	N/A	

Dissolved 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)
10:35am				

Comments: Well was Dry

Verified by: [illegible] **Date:** 7-30-04

TTL, Inc.
July 2004
Quarterly Monitoring Well Sampling

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

Personnel:

Date: Well No.: Sampling Method: Bladder Pump

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

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

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

LAST PAGE!

Comments:

Verified by: Date: