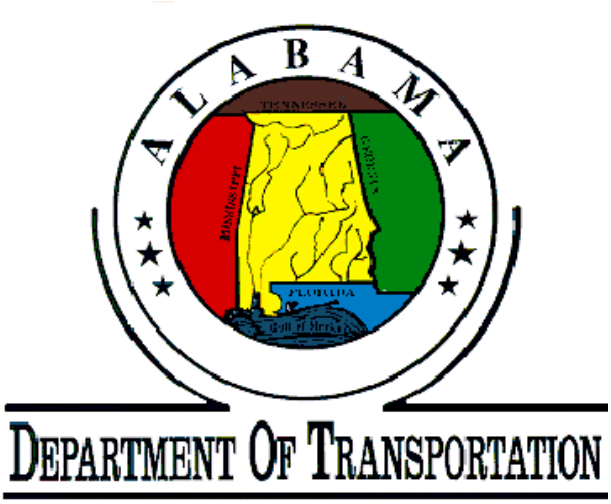
NOVEMBER 2003 through JANUARY 2004 STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION



March 26, 2004

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

November 2003 through January 2004
Status Report

Water Level Measurements

- January 26, 27, and 28, 2004: Depths to ground water were measured in piezometers and monitoring wells associated with the Coliseum Boulevard Plume Investigation. Piezometer PD-109 was dry on January 28, 2004. Ground-water elevations on January 26, 27, and 28, 2004, are provided in Tables 1a through 1f. Ground-water elevations on January 26, 27, and 28, 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 January 26 and 27, 2004. CMT 2-7, CMT 3-1, CMT 3-7, and CMT 4-1 were dry during the site-wide ground-water elevation measuring event conducted on January 26 and 27, 2004.

- January 30, 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. Ground-water data from the previous quarterly event conducted August 2003 through November 2003 was not retrievable due to battery failures and replacements in the data loggers.

Semi-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 change the sampling program to an alternate monitoring 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 quarterly,
  - 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.

- January 5 through January 23, 2004: During the semi-annual event of the approved monitoring program, ground-water samples were collected from the following 25 monitoring wells:

MW-3A	MW-130	MW-136A	MW-237C	MW-201
MW-106	MW-230	MW-236B	MW-138A	MW-102
MW-206	MW-135A	MW-236C	MW-238B	MW-202
MW-107	MW-235B	MW-137A	MW-238C	MW-103
MW-207	MW-235C	MW-237B	MW-101	MW-203

These 25 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 January 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 January 2004 are provided on the Monitoring Well Sampling Forms on the attached CD-R.

- January 8, 9, 12, 2004: Ground-water samples were collected from 6 monitoring wells (MW-106, MW-107, MW-130, MW-206, MW-207, and MW-230, 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 are provided on the attached CD-R.

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

- January 14 through January 22, 2004: Ground-water samples were collected from CMT wells 1, 2, 3 and 4. Prior to the collection of the ground-water samples, the depth to water in each port, with the exception of wells CMT 3-1 and CMT 4-1, was measured (see Table 2). Depths to water are measured prior to collecting a ground-water sample in each well. Depths to water were measured in wells CMT 3-1 and CMT 4-1, but ground-water samples were not collected due to the lack of sufficient water on January 15 and 21, 2004, respectively. 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 4 to 15 gallons of water were removed from each of the CMT well ports prior to sample collection. During sample collection, the tubing from the pump was disconnected and withdrawn from the port. The water samples were collected by 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

- January 23, 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 January 23, 2004, compliance point water samples CP-1, CP-2, and CP-3 contained 33.4 μg/L (micrograms per liter), 17.2J μg/L, and 4.3J μg/L of trichloroethylene (TCE), respectively. The TCE concentrations detected in the samples collected from CP-1,

CP-2 and CP-3 on January 23, 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 (19.9J μg/L and 45.8 μg/L, respectively) on January 23, 2004. There also was detection (5.5J μg/L) of cis-1, 2-Dichloroethene at MP-1 on January 23, 2004.

Water Treatment

- January 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 890 gallons of water was treated in January (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 January 2004 are on the attached CD-R.

Low – Lying Area (Addendum 04 Work Plan)

- January 29, 2004: Soil/sediment samples were collected at a depth of 8 inches below land surface at all 16 “low-lying area” locations identified as locations A through P (see Figure 4). In the soil/sediment sample collected from location O on January 29, 2004, low mass and low percent solids in the sample possibly resulted in an ambiguous level of TCE; therefore another sample was collected at a depth of 15 inches below land surface on March 9, 2004. Surface water samples also were collected at 16 locations (see Figure 5). Results of the analyses for VOCs in the soil/sediment and surface water samples collected on January 29, 2004, and March 9, 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 January 2004 semi-annual ground-water sampling event, duplicate ground-water samples were collected from monitoring wells MW-106, MW-130, MW-235C, and MW-238B, 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 monitoring well MW-102, port 3 of CMT well 2, and ports 6 and 7 of CMT well 4 and shipped to **TTL**'s laboratory to be analyzed for total iron for quality assurance/quality control purposes (see Tables 4 and 6, respectively). Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs in January 2004. Results of analyses of detected VOCs in the rinse and trip blank samples for January 2004 are provided in Table 13. Laboratory reports of the analyses are provided on the attached CD-R.

Dehalococcoides Bacteria Sampling

- December 10, 11, and 16, 2003: Ground-water samples were collected from selected wells (MW-106, MW-109, MW-131, MW-231, and CMT 2-3) on December 10, 11, and 16, 2003 for dehalococcoides ethenogenes bacteria analyses. Samples collected were shipped to two different laboratories; Microbial Insights Analysis in Rockford, Tennessee, and Sirem Laboratory in Ontario, Canada. Results of the analyses of dehalococcoides bacteria collected in December 2003 are provided in Table 14. 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; November 2003 through January 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)									
1/27-28/03	196.59	194.52	194.53	194.48	194.31	194.06	194.38	194.46	194.11	
4/28-29/03	196.40	196.71	196.67	196.40	195.90	195.41	197.37	196.29	196.28	
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	

Notes:

[1] Feet above mean sea level

Table 1b. Ground-water elevations in piezometers during the last 12 month period; November 2003 through January 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)									
1/27-28/03	193.95	194.65	194.01	186.93	194.51	194.39	193.59	191.33	192.20	186.55
4/28-29/03	196.53	197.75	196.24	189.76	197.85	197.94	198.20	196.94	195.68	190.36
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

Table 1b. Ground-water elevations in piezometers during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.28	194.65	194.36	178.62	186.99	194.53				
4/28-29/03	198.09	196.88	198.17	181.32	188.29	197.99				
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				

Table 1b. Ground-water elevations in piezometers during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.61	194.51	192.10	193.65	193.08	NM[3]	194.75	191.02	190.29	188.78
4/28-29/03	197.07	196.83	193.74	195.41	194.46	194.10	195.15	188.78	186.13	185.02
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

Table 1b. Ground-water elevations in piezometers during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.52	Dry								
4/28-29/03	187.95	194.43								
7/28-30/03	196.50	NM								
10/1-3/03	187.94	Dry								
1/26-28/04	187.89	Dry								

Notes:

[1] Feet above mean sea level

[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-102 and PD-109 were inadvertently not measured.

Table 1c. Ground-water elevations in Alfa monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.30	193.82	194.67	194.02	186.97					
4/28-29/03	196.35	196.70	197.56	195.64	188.23					
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					

Notes:

[1] Feet above mean sea level

Table 1d. Ground-water elevations in monitoring wells along Kilby Ditch during the last 12 month period; November 2003 through January 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)									
1/27-28/03	193.88	193.64	190.39	190.88	192.08	191.37	193.69	193.71	196.85	
4/28-29/03	195.58	195.35	191.79	191.51	194.92	194.31	195.51	195.57	198.61	
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	

Notes:

[1] Feet above mean sea level

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

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.29	194.11	193.91	194.29	194.27	194.20	194.20	194.37	194.40	
4/28-29/03	195.90	195.92	195.47	196.30	196.29	196.43	196.42	196.69	196.68	
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	

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.61	194.63	194.59	194.56	185.49	170.62	170.44	170.88	191.77	191.72
4/28-29/03	196.61	196.64	196.30	196.27	187.14	172.60	172.47	173.02	193.11	193.06
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

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.81	194.65	169.49	167.01	194.40	194.13	185.68	185.48	179.34	179.25
4/28-29/03	197.85	197.68	169.64	168.02	198.26	197.81	186.50	186.23	182.09	181.96
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

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	192.22	192.20	194.17	193.03	166.56	193.69	193.57	192.55	192.43	
4/28-29/03	197.53	197.47	197.26	194.50	169.55	195.18	195.03	195.82	195.45	
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	

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	190.52	190.51	189.03	189.03	188.89	194.40	190.55	190.48	192.22	194.36
4/28-29/03	191.83	191.83	190.26	190.26	190.52	196.50	194.59	194.48	196.36	196.35
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

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	193.66	193.70	194.61	194.64	191.38	191.54	194.52	194.49	193.82	193.87
4/28-29/03	197.21	197.33	197.20	197.27	195.07	195.06	197.72	197.10	198.23	198.24
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

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.52	194.54	194.55	194.51	194.47	194.64	193.38	193.40	193.48	
4/28-29/03	196.88	196.91	196.91	197.61	197.58	197.58	196.42	196.37	196.40	
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	

Table 1e. Ground-water elevations in 100-, 200-, & 300-series monitoring wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.36	194.37	194.34	NI[4]	NI	NI	NI			
4/28-29/03	197.03	197.02	196.99	158.79	192.91	202.25	195.52			
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			

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.

[4] NI - Not installed; deep-zone monitoring wells MW-339 through MW-342 were installed in January 2003.

Table 1f. Ground-water elevations in Pump test wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.23	194.64								
4/28-29/03	196.44	197.61								
7/28-30/03	197.68	197.53								
10/1-3/03	197.52	197.12								
1/26-28/04	196.39	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 & Associates.

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMT 1)									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 1-1	CMT 1 -2	CMT1 -3	CMT 1-4[2]	CMT 1-5	CMT 1-6	CMT 1-7			
	219.50	219.50	219.50	219.50	219.50	219.50	219.50			
Screened Interval (ft BLS)[3]	43.1-43.4	39.3-39.6	35.3-35.6	31.6-31.9	29.2-29.5	47.4-47.7	51.45			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
1/27-28/03	194.52	194.52	194.53	189.99	194.52	194.52	194.50			
4/29/03	191.65	180.45	191.90	188.55	197.40	197.45	DRY			
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			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	194.24	194.24	194.23	194.23	194.23	194.24	194.24			
4/29/03	196.69	196.72	196.73	196.74	196.70	196.70	196.74			
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[5]	DRY			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	DRY	194.29	194.30	194.30	194.27	194.27	194.26			
4/29/03	197.18	193.99	188.95	183.96	178.94	173.97	DRY			
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			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; November 2003 through January 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)									
1/27-28/03	DRY	194.42	194.43	194.42	194.41	194.40	194.41			
4/29/03	197.07	193.71	187.70	182.67	177.68	171.67	DRY			
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			

Table 2. Ground-water elevations in Continuous Multi-channel Tubing (CMT) wells during the last 12 month period; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

	Well Identifier (CMTs 5, 6, & 7)[6]									
Elevation of Measuring Point (ft. AMSL)[1]	CMT 5-1	CMT 5-2	CMT 5-3	CMT 6-1	CMT 6-2	CMT 7-1	CMT 7-2			
	210.74	210.74	210.74	221.35	221.35	221.70	221.70			
Screened Interval (ft BLS)[3]	21-24	28-31	35-38	26-30	36-52	26-30	36-52			
Date of Measurement	Ground-Water Elevation (ft. AMSL)									
1/27-28/03	194.73	194.73	194.74	193.71	185.54	194.29	186.09			
4/29/03	197.65	197.66	197.66	195.46	185.52	196.04	186.05			
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			

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. The depth to ground-water was not measured in port 6 of CMT well 2 during the January 2004 measuring event, due to tubing lodged in the port. The depth to ground-water was not measured in port 7 of CMT well 3 in October 2003, because of a malfunction in the small port opening of the slope indicator.

[6] 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; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-117	1/30/02	43.1	ND	ND	1.6J	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	ND	ND	ND	ND
MW-117	4/18/02	42.0	ND	ND	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	1.5B	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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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-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

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-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-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-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

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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-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-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-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-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)

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 1.0 µg/l [3]
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-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	ND	2.5J	ND	1.4J	ND	ND	ND
MW-236B	10/17/02	450	ND	ND	22.0	ND	ND	ND	ND	ND	ND	ND	6.9J	3.0J	ND	ND	ND	ND
MW-236B	1/14/03	397	ND	ND	16.1J	ND	ND	ND	ND	ND	ND	ND	4.0J	1.4J	ND	ND	ND	ND
MW-236B	4/11/03	155	ND	ND	6.3J	ND	ND	ND	ND	ND	ND	ND	2.0J	ND	ND	ND	ND	ND
MW-236B	7/10/03	140	ND	ND	3.1J	ND	ND	ND	ND	ND	ND	ND	1.4J	1.4J	1.9J	ND	ND	ND
MW-236B	10/9/03	335	ND	ND	17.4J	ND	ND	ND	ND	ND	ND	ND	3.6J	1.2J	ND	ND	ND	ND
MW-236B	1/5/04	393	1.2J	ND	20.2	ND	ND	ND	ND	ND	ND	ND	5.4J	1.3J	2.1J	ND	ND	ND
MW-236C	10/17/02	154	ND	ND	45.7	ND	ND	ND	ND	ND	ND	ND	20.0	4.7J	ND	ND	ND	ND
MW-236C	1/14/03	249	ND	ND	52.3	ND	ND	ND	ND	ND	ND	ND	9.0J	1.3J	ND	ND	ND	ND
MW-236C	4/11/2003	245	ND	ND	24.3	ND	ND	ND	ND	ND	ND	ND	5.8J	ND	ND	ND	ND	ND
MW-236C dup	4/11/03	243	ND	ND	25.5	ND	ND	ND	ND	ND	ND	ND	6.2J	ND	ND	ND	ND	ND
MW-236C	7/8/03	290	ND	ND	28.6	ND	ND	ND	ND	ND	ND	ND	8.3J	1.0J	ND	ND	ND	ND
MW-236C	10/9/03	200	ND	ND	56.9	ND	ND	ND	ND	ND	ND	ND	11.0J	1.0J	ND	ND	ND	ND
MW-236C dup	10/9/03	205	ND	ND	54.4	ND	ND	ND	ND	ND	ND	ND	11.3J	1.1J	ND	ND	ND	ND
MW-236C	1/6/04	233	ND	ND	62.6	ND	ND	ND	ND	ND	ND	ND	13.6J	1.2J	1.1J	ND	ND	ND

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-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-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-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-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 (<35.0)	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)

Table 3. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from monitoring wells; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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

Sample ID	Sample Date[2]	Trichloroethylene 1.0 µg/l [3]	cis-1,2-Dichloroethene 1.0 µg/l [3]	Vinyl Chloride 1.0 µg/l [3]	1,1-Dichloroethene 1.0 µg/l [3]	1,1,1-Trichloroethane 1.0 µg/l [3]	1,1,2-Trichloroethane 1.0 µg/l [3]	1,1-Dichloroethane 1.0 µg/l [3]	Benzene 1.0 µg/l [3]	Bromodichloromethane 1.0 µg/l [3]	Bromoform 1.0 µg/l [3]	Carbon Tetrachloride 1.0 µg/l [3]	Chloroform 1.0 µg/l [3]	Chloromethane 1.0 µg/l [3]	Dibromochloromethane 1.0 µg/l [3]	Methylene Chloride 1.0 µg/l [3]	Tetrachloroethylene 1.0 µg/l [3]	Toluene 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-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-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-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

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; November 2003 through January 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**	**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	04/11/02	1.4	7.58	3.89	ND[6]	ND	NA[7]	ND	ND	ND	ND
MW-1A	07/12/02	1.8	7.18	3.31	ND	ND	0.60	0.65	ND	ND	ND
MW-1A	10/08/02	1.6	7.26	3.38	ND	ND	ND	ND	ND	ND	ND
MW-1A dup[8]	10/08/02	1.3	7.10	3.31	ND	ND	ND	ND	ND	ND	ND
MW-1A	02/18/03	1.5	7.11	3.32	ND	ND	ND	ND	ND	ND	ND
MW-1A	04/15/03	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-2A	04/15/02	ND	7.29	1.96	ND	ND	NA	0.10	ND	ND	ND
MW-2A	07/11/02	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	01/14/03	ND	6.87	1.82	ND	ND	ND	ND	ND	ND	ND
MW-2A	04/15/03	ND	7.62	1.83	ND	ND	ND	ND	ND	ND	ND
MW-2A	10/09/03	ND	7.01	1.61	ND	0.48	ND	ND	ND	ND	ND
MW-3A	04/11/02	1.6	5.14	2.59	ND	1.70	NA	0.24	ND	ND	ND
MW-3A	07/12/02	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	01/14/03	ND	4.32	2.30	ND	1.21	ND	ND	ND	ND	ND
MW-3A	04/16/03	1.4	4.39	2.30	ND	0.81	ND	ND	ND	ND	ND
MW-3A	07/09/03	1.5	4.09	2.57	ND	1.37	ND	ND, ND[9]	ND	ND	ND
MW-3A	10/14/03	2.7	3.85	2.27	ND	2.27	ND	ND	ND	ND	ND
MW-3A	01/07/04	3.5	4.23	2.29	ND	0.86	ND	ND	ND	ND	ND
MW-4A	04/11/02	ND	2.76	3.35	ND	ND	NA	ND	ND	ND	ND
MW-4A	07/12/02	1.9	2.41	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/10/02	1.1	2.38	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	01/13/03	ND	2.30	2.97	ND	ND	ND	ND	ND	ND	ND
MW-4A dup	01/13/03	1.1	2.37	2.97	ND	ND	ND	ND	ND	ND	ND
MW-4A	04/16/03	2.0	2.71	2.97	ND	ND	ND	ND	ND	ND	ND
MW-4A	10/09/03	1.4	2.22	2.83	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; November 2003 through January 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**	**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	04/11/02	13.4	4.11	ND	ND	0.73	NA	ND	14	ND	ND
MW-5A dup	04/11/02	13.4	4.15	ND	ND	0.79	NA	2.23	34	ND	ND
MW-5A	07/12/02	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	01/14/03	9.6	3.18	ND	ND	ND	4.05	4.05, 3.22[9]	67	ND	ND
MW-5A dup	01/14/03	9.8	3.19	ND	ND	ND	4.05	4.05	66	ND	ND
MW-5A	04/16/03	16.7	3.77	ND	ND	ND	4.30	4.35	37	ND	ND
MW-5A dup	04/16/03	16.6	3.79	ND	ND	ND	4.30	4.35	32	ND	ND
MW-5A	07/11/03	17.1	3.64	ND	ND	0.69	1.30	1.25, 2.76[9]	18	ND	ND
MW-5A	10/09/03	15.2	3.0	ND	ND	0.6	3.75	3.90, 3.69[9]	32	ND	ND
MW-5A	01/08/04	18.5	2.58	ND	ND	0.85	5.25	5.25	130	ND	ND
MW-5A[10]	01/23/04	10.1	2.56	ND	ND	ND	4.55	4.60	100	ND	ND
MW-101	04/10/02	1.3	5.91	2.03	ND	0.57	NA	ND	ND	ND	ND
MW-101	07/10/02	ND	5.46	1.50	ND	ND	ND	ND	ND	ND	ND
MW-101	10/08/02	ND	5.60	1.55	ND	ND	ND	ND	ND	ND	ND
MW-101 dup	10/08/02	ND	5.43	1.52	ND	ND	ND	ND	ND	ND	ND
MW-101	01/13/03	ND	4.35	2.17	ND	3.02	ND	ND	ND	ND	ND
MW-101	04/14/03	ND	5.02	1.78	ND	5.85	ND	ND	ND	ND	ND
MW-101	07/09/03	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	01/07/04	ND	4.65	1.45	ND	5.66	ND	ND	ND	ND	ND
MW-201	04/10/02	6.9	7.79	2.79	ND	ND	NA	0.05	ND	ND	ND
MW-201	07/10/02	4.8	7.19	2.37	ND	ND	NA	ND	3.0	ND	ND
MW-201	10/08/02	2.3	7.36	2.49	ND	ND	ND	ND	2.7	ND	ND
MW-201	01/13/03	2.5	7.13	2.64	ND	ND	ND	ND	2.9	ND	ND
MW-201	04/14/03	2.0	7.91	2.70	ND	ND	ND	ND	ND	ND	ND
MW-201	07/09/03	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	01/07/04	3.2	7.00	2.51	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; November 2003 through January 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**	**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	04/10/02	441	6.59	ND	ND	6.88	NA	29.2	360	ND	ND
MW-102	07/10/02	424	7.40	ND	ND	3.13	7.75	11.3	870	ND	ND
MW-102	10/08/02	333	8.93	ND	ND	2.39	3.50	7.50	840D[11]	ND	ND
MW-102	01/13/03	438	5.25	ND	ND	3.88	5.00	5.00, 26.2[9]	680	ND	ND
MW-102	04/14/03	294	5.09	ND	ND	10.8	25.5	27.0, 18.0[9]	640	ND (<40.0)	ND (<30.0)
MW-102	07/08/03	250	5.21	ND	ND	1.68	1.90	1.8, 23.4[9]	440	ND (<12.0)	ND (<9.0)
MW-102	10/13/03	367	4.50	ND	ND	ND	4.95	5.95, 22.3[9]	810	ND (<20.0)	ND (<15.0)
MW-102	01/06/04	339	3.76	ND	ND	1.46	4.90	4.85, 24.4[9]	860	ND (<12.0)	ND (<9.0)
MW-202	04/10/02	20.7	6.78	ND	ND	2.33	NA	4.34	ND	ND	ND
MW-202	07/10/02	ND	6.13	ND	ND	1.84	4.10	4.15	51	ND	ND
MW-202	10/08/02	14.1	6.34	ND	ND	1.49	3.75	3.80	14	ND	ND
MW-202	01/13/03	10.9	6.39	ND	ND	1.94	3.65	3.65, 4.90[9]	36	ND	ND
MW-202	04/14/03	19.7	7.26	ND	ND	1.77	5.75	6.00, 4.89[9]	93	ND	ND
MW-202	07/08/03	12.5	6.84	ND	ND	1.85	1.00	0.95, 2.65[9]	33	ND	ND
MW-202	10/13/03	9.0	6.28	ND	ND	1.52	2.35	2.25, 2.00[9]	8.3	ND	ND
MW-202	01/07/04	6.8	6.05	ND	ND	0.74	1.10	1.25	7.2	ND	ND
MW-103	04/10/02	5.3	2.38	6.41	ND	54.7	NA	0.07	ND	ND	ND
MW-103 dup	04/10/02	6.3	2.38	6.59	ND	49.3	NA	0.13	ND	ND	ND
MW-103	07/10/02	6.2	1.94	4.33	ND	12.1	ND	ND	4.9	ND	ND
MW-103	10/08/02	5.0	2.50	0.56	ND	12.2	ND	ND	2.5	ND	ND
MW-103	01/13/03	8.0	2.06	5.93	ND	40.2	ND	ND	ND	ND	ND
MW-103	04/14/03	11.2	2.33	4.57	ND	30.4	ND	ND	ND	ND	ND
MW-103	07/08/03	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	01/06/04	10.2	1.38	3.89	ND	11.1	ND	ND	ND	ND	ND
MW-203	04/10/02	1.1	7.64	3.40	ND	ND	NA	0.07	ND	ND	ND
MW-203	07/11/02	ND	7.39	2.79	ND	ND	ND	ND	ND	ND	ND
MW-203	10/08/02	ND	7.29	2.87	ND	ND	ND	ND	ND	ND	ND
MW-203	01/13/03	ND	7.29	3.19	ND	ND	ND	ND	ND	ND	ND
MW-203	04/15/03	ND	8.07	3.19	ND	ND	ND	ND	ND	ND	ND
MW-203	07/09/03	ND	7.41	3.26	ND	ND	ND	ND	ND	ND	ND
MW-203	10/13/03	ND	6.8	2.75	ND	ND	ND	ND	ND	ND	ND
MW-203	01/06/04	ND	7.19	2.86	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; November 2003 through January 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**	**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-104	04/08/02	ND	6.07	2.20	ND	1.66	NA	ND	ND	ND	ND
MW-104	07/08/02	ND	5.41	1.83	ND	1.74	ND	ND	ND	ND	ND
MW-104	10/02/02	ND	5.87	1.84	ND	2.94	ND	ND	ND	ND	ND
MW-104	01/08/03	1.3	6.68	1.73	ND	3.17	ND	ND	ND	ND	ND
MW-104	04/17/03	1.4	7.85	1.77	ND	1.38	ND	ND	ND	ND	ND
MW-104 dup	04/17/03	ND	7.81	1.78	ND	1.34	ND	ND	ND	ND	ND
MW-104	10/06/03	ND	8.03	2.14	ND	0.87	ND	ND	ND	ND	ND
MW-204	04/08/02	ND	3.26	3.47	ND	ND	NA	ND	ND	ND	ND
MW-204	07/08/02	2.9	2.96	2.92	ND	ND	ND	ND	ND	ND	ND
MW-204	10/02/02	2.9	2.85	2.97	ND	ND	ND	ND	ND	ND	ND
MW-204	01/08/03	3.9	2.72	2.87	ND	ND	ND	ND	ND	ND	ND
MW-204 dup	01/08/03	4.5	2.73	2.86	ND	ND	ND	ND	ND	ND	ND
MW-204	04/17/03	3.5	2.90	3.01	ND	ND	ND	ND	ND	ND	ND
MW-204	10/06/03	5.0	2.18	2.97	ND	ND	ND	ND	ND	ND	ND
MW-304	04/15/02	55.7	1.39	ND	ND	12.0	NA	0.77	9.6	ND	ND
MW-304	07/08/02	57.9	1.46	ND	ND	12.2	ND	1.00	ND	ND	ND
MW-304	10/02/02	53.8	1.38	ND	ND	12.3	0.95	0.90, 0.87[9]	2.0	ND	ND
MW-304	01/08/03	2.1	5.54	2.92	ND	ND	0.85	0.80, 0.63[9]	3.4	ND	ND
MW-304	04/03/03	56.4	1.36	ND	ND	12.5	0.85	0.90, 0.75[9]	2.7	ND	ND
MW-105	04/08/02	ND	3.15	0.94	ND	12.1	NA	ND	ND	ND	ND
MW-105	07/08/02	3.0	3.04	1.53	ND	7.66	ND	ND	ND	ND	ND
MW-105	10/01/02	2.1	4.03	2.49	ND	12.4	ND	ND	ND	ND	ND
MW-105	02/18/03	7.8	2.71	1.65	ND	10.6	ND	ND	ND	ND	ND
MW-105	04/02/03	9.6	2.68	1.20	ND	6.08	ND	ND	ND	ND	ND
MW-105	10/07/03	7.4	2.54	1.15	ND	7.94	ND	ND	ND	ND	ND
MW-205	04/08/02	ND	1.89	3.65	ND	0.57	NA	ND	ND	ND	ND
MW-205 dup	04/08/02	ND	1.82	3.50	ND	0.54	NA	ND	ND	ND	ND
MW-205	07/08/02	ND	1.65	3.06	ND	ND	ND	ND	ND	ND	ND
MW-205 dup	07/08/02	ND	1.63	3.06	ND	ND	ND	ND	ND	ND	ND
MW-205	10/01/02	ND	1.55	3.01	ND	ND	ND	ND, 0.17[9]	ND	ND	ND
MW-205 dup	10/01/02	1.1	1.56	3.25	ND	ND	ND	ND, 0.14[9]	ND	ND	ND
MW-205	02/18/03	ND	1.54	3.01	ND	ND	ND	ND	ND	ND	ND
MW-205	04/02/03	1.4	1.55	2.97	ND	ND	ND	ND	ND	ND	ND
MW-205	10/07/03	1.1	1.45	2.82	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; November 2003 through January 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**	**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-106	04/04/02	ND	5.26	2.68	ND	9.84	NA	ND	ND	ND	ND
MW-106	07/09/02	ND	3.70	2.63	ND	8.35	ND	ND	ND	ND	ND
MW-106	10/03/02	ND	3.93	1.58	ND	9.65	ND	ND	ND	ND	ND
MW-106	01/06/03	ND	3.98	0.85	ND	7.87	ND	ND	ND	ND	ND
MW-106	04/03/03	ND	3.35	1.52	ND	7.51	ND	ND	ND	ND	ND
MW-106	07/07/03	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	01/09/04	5.20	4.27	2.74	ND	5.43	ND	ND	ND	ND	ND
MW-106 dup	01/09/04	ND	4.25	2.73	ND	5.78	ND	ND	ND	ND	ND
MW-206	04/05/02	32.2	4.80	1.32	ND	3.00	NA	0.24	ND	ND	ND
MW-206	07/09/02	19.6	3.54	1.51	ND	1.35	ND	ND	ND	ND	ND
MW-206	10/03/02	20.0	3.28	1.37	ND	1.09	ND	ND	ND	ND	ND
MW-206	01/06/03	17.1	4.08	2.08	ND	0.94	ND	ND	ND	ND	ND
MW-206	04/03/03	12.8	3.40	1.61	ND	0.97	ND	ND	ND	ND	ND
MW-206	07/03/03	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	01/08/04	20.2	3.51	1.92	ND	0.96	ND	ND	ND	ND	ND
MW-206[10]	01/23/04	15.9	3.66	2.02	ND	ND	ND	ND	ND	ND	ND
MW-107	04/04/02	ND	6.81	2.41	ND	9.86	NA	ND	ND	ND	ND
MW-107	07/09/02	ND	6.16	2.55	ND	5.11	ND	ND	ND	ND	ND
MW-107	10/02/02	ND	6.20	2.59	ND	0.50	ND	ND	ND	ND	ND
MW-107	01/07/03	1.2	5.59	3.13	ND	0.70	ND	ND	ND	ND	ND
MW-107	04/03/03	2.1	4.62	2.63	ND	1.76	ND	ND	ND	ND	ND
MW-107	07/02/03	ND	6.52	3.92	ND	0.71	ND	ND	ND	ND	ND
MW-107 dup	07/02/03	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	01/09/04	4.4	5.36	3.34	ND	1.47	ND	ND	ND	ND	ND
MW-207	04/04/02	4.9	3.67	2.03	ND	6.89	NA	ND	ND	ND	ND
MW-207	07/09/02	7.3	2.79	1.67	ND	5.44	ND	ND	ND	ND	ND
MW-207	10/02/02	4.2	2.68	1.61	ND	3.62	ND	ND	ND	ND	ND
MW-207	01/07/03	7.2	2.60	1.30	ND	3.39	ND	ND	ND	ND	ND
MW-207	04/03/03	12.7	2.71	1.50	ND	3.12	ND	ND	ND	ND	ND
MW-207 dup	04/03/03	12.6	2.71	1.50	ND	3.19	ND	ND	ND	ND	ND
MW-207	07/02/03	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	01/09/04	14.2	2.46	1.69	ND	3.56	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; November 2003 through January 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**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-108	04/05/02	ND	10.6	4.87	ND	ND	NA	0.09	ND	ND	ND
MW-108	07/09/02	ND	5.96	3.42	ND	ND	ND	ND	ND	ND	ND
MW-108	10/02/02	ND	6.16	3.42	ND	ND	0.50	0.50, 0.33[9]	ND	ND	ND
MW-108	01/07/03	1.0	7.45	3.85	ND	ND	ND	ND	ND	ND	ND
MW-108	04/04/03	ND	8.16	4.49	ND	ND	ND	ND	ND	ND	ND
MW-108	10/15/03	ND	7.8	3.15	ND	1.47	ND	ND	ND	ND	ND
MW-208	04/05/02	6.0	4.69	2.16	ND	3.03	NA	0.11	ND	ND	ND
MW-208	07/09/02	5.0	3.53	1.93	ND	1.26	ND	ND	ND	ND	ND
MW-208	10/02/02	5.5	3.66	1.98	ND	3.29	ND	ND	ND	ND	ND
MW-208	01/07/03	15.2	4.30	2.29	ND	7.63	ND	ND	ND	ND	ND
MW-208	04/04/03	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-109	04/15/02	ND	3.65	0.98	ND	6.91	NA	ND	2.0	ND	ND
MW-109	07/09/02	ND	4.02	0.89	ND	5.10	ND	ND	ND	ND	ND
MW-109	10/02/02	ND	3.59	0.77	0.15	5.71	ND	ND, 0.12[9]	ND	ND	ND
MW-109	01/07/03	ND	4.16	1.69	ND	3.11	ND	ND	ND	ND	ND
MW-109 dup	01/07/03	ND	4.05	1.69	ND	3.08	ND	ND	ND	ND	ND
MW-109	04/17/03	ND	6.35	1.84	ND	2.23	ND	ND	ND	ND	ND
MW-109	10/06/03	ND	3.16	1.18	ND	2.59	ND	ND	ND	ND	ND
MW-209	04/15/02	14.0	3.55	1.21	ND	3.63	NA	0.25	46	ND	ND
MW-209	07/09/02	14.3	3.54	1.27	ND	0.91	ND	ND	45	ND	ND
MW-209	10/02/02	10.4	3.60	1.22	ND	ND	ND	ND, 0.30[9]	33	ND	ND
MW-209	01/07/03	12.1	3.63	1.22	ND	ND	ND	ND	26	ND	ND
MW-209	04/17/03	16.2	4.08	1.13	ND	0.71	ND	ND	40	ND	ND
MW-209 dup	04/17/03	15.6	4.03	1.10	ND	0.71	ND	ND	48	ND	ND
MW-209	10/06/03	9.1	3.28	1.31	ND	ND	ND	ND	55	ND	ND
MW-210	04/16/02	148	4.28	0.84	ND	9.93	NA	0.44	37	ND	ND
MW-210	07/15/02	204	4.91	ND	ND	15.8	ND	ND, (<0.05)[9]	9.2	ND	ND
MW-210 dup	07/15/02	201	4.88	ND	ND	15.9	ND	0.53[9]	14	ND	ND
MW-210	10/03/02	185	5.18	ND	ND	7.37	ND	ND	29	ND	ND
MW-210	01/07/03	114	3.65	1.02	ND	11.5	ND	ND	9.5	ND	ND
MW-210	04/18/03	196	5.13	0.31	ND	26.9	2.25	2.40, 2.13[9]	36	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; November 2003 through January 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**	**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-111	04/18/02	4.2	10.8	3.05	ND	0.71	NA	ND	ND	ND	ND
MW-111	07/17/02	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	01/16/03	2.0	9.46	3.80	ND	0.61	ND	ND	ND	ND	ND
MW-111	04/10/03	2.2	10.6	3.17	ND	0.68	ND	ND	ND	ND	ND
MW-211	04/18/02	2.0	8.72	5.16	ND	0.85	NA	ND	ND	ND	ND
MW-211	07/17/02	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	01/16/03	1.8	8.71	5.33	ND	0.84	ND	ND	ND	ND	ND
MW-211	04/11/03	1.2	9.79	5.26	ND	0.80	ND	ND	ND	ND	ND
MW-211 dup	04/11/03	2.0	9.82	5.28	ND	0.90	ND	ND	ND	ND	ND
MW-311	04/18/02	4.4	3.38	4.03	ND	2.52	NA	ND	ND	ND	ND
MW-311	07/17/02	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	01/16/03	3.9	3.57	4.27	ND	2.44	ND	ND	ND	ND	ND
MW-311	04/03/03	2.9	3.43	4.04	ND	2.35	ND	ND	ND	ND	ND
MW-112	04/17/02	ND	6.44	3.30	ND	3.85	NA	ND	ND	ND	ND
MW-112	07/16/02	ND	5.85	3.01	ND	3.68	ND	ND, (<0.05)[9]	ND	ND	ND
MW-112	10/04/02	ND	5.56	2.97	ND	4.29	ND	ND	ND	ND	ND
MW-112	01/17/03	2.8	5.26	2.83	ND	4.71	ND	ND	ND	ND	ND
MW-112	04/16/03	ND	5.24	2.87	ND	4.58	ND	ND	ND	ND	ND
MW-212	04/17/02	8.1	4.07	1.86	ND	1.17	NA	0.13	ND	ND	ND
MW-212	07/16/02	8.8	3.91	1.89	ND	1.09	ND	ND	ND	ND	ND
MW-212	10/04/02	8.4	3.32	1.89	ND	0.82	ND	ND	ND	ND	ND
MW-212	01/17/03	7.4	3.32	1.91	ND	0.70	ND	ND	ND	ND	ND
MW-212	04/18/03	6.5	3.25	1.83	ND	0.69	ND	ND	ND	ND	ND
MW-113	04/16/02	1.0	3.66	1.81	ND	ND	NA	ND	ND	ND	ND
MW-113 dup	04/16/02	ND	3.69	1.82	ND	ND	NA	ND	ND	ND	ND
MW-113	07/15/02	ND	3.63	1.75	ND	ND	ND	ND, (<0.05)[9]	ND	ND	ND
MW-113	10/03/02	ND	3.08	1.52	ND	ND	ND	ND	ND	ND	ND
MW-113	02/17/03	ND	3.56	1.39	ND	ND	ND	ND	ND	ND	ND
MW-113	04/16/03	ND	4.12	1.62	ND	ND	ND	ND	ND	ND	ND
MW-113	10/07/03	ND	2.82	1.62	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; November 2003 through January 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	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-213	04/16/02	ND	6.26	3.44	ND	ND	NA	ND	ND	ND	ND
MW-213	07/15/02	1.6	6.27	3.40	ND	ND	ND	ND	ND	ND	ND
MW-213	10/02/02	ND	6.59	3.44	ND	ND	ND	ND	ND	ND	ND
MW-213 dup	10/02/02	ND	6.58	3.46	ND	ND	ND	ND	ND	ND	ND
MW-213	02/17/03	ND	5.95	3.00	ND	ND	ND	ND	ND	ND	ND
MW-213	04/16/03	ND	5.86	2.73	ND	ND	ND	ND	ND	ND	ND
MW-213	10/07/03	ND	5.64	3.15	ND	ND	ND	ND	ND	ND	ND
MW-214A	04/19/02	ND	10.7	2.49	ND	2.91	NA	1.01	ND	ND	ND
MW-214A	07/15/02	2.5	11.0	3.01	ND	2.78	ND	ND	ND	ND	ND
MW-214A	10/03/02	2.5	11.0	3.05	ND	2.92	ND	ND	ND	ND	ND
MW-214A	01/10/03	4.2	10.7	2.56	ND	2.58	ND	ND	ND	ND	ND
MW-214A	04/18/03	2.9	11.8	2.72	ND	2.84	ND	ND	ND	ND	ND
MW-115	04/19/02	ND	8.18	1.62	ND	12.6	NA	0.07	ND	ND	ND
MW-115	07/18/02	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	01/09/03	ND	8.25	2.13	ND	10.6	ND	ND	ND	ND	ND
MW-115	04/22/03	ND	13.6	2.59	ND	11.5	ND	ND	ND	ND	ND
MW-215	04/22/02	ND	8.39	1.51	ND	2.85	NA	ND	ND	ND	ND
MW-215	07/18/02	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	01/09/03	ND	8.94	2.07	ND	2.08	ND	ND	ND	ND	ND
MW-215	04/22/03	1.1	9.76	1.94	ND	2.60	ND	ND	ND	ND	ND
MW-116	04/17/02	ND	5.69	1.22	ND	1.16	NA	0.78	13	ND	ND
MW-116	07/16/02	ND	6.05	1.37	ND	ND	0.70	0.75	31	ND	ND
MW-116	10/04/02	ND	5.48	1.16	ND	1.03	1.25	1.30, 1.27[9]	27	ND	ND
MW-116	01/10/03	9.3	4.32	0.75	ND	3.93	4.60	4.65	110	ND	ND
MW-116	04/17/03	9.5	4.19	0.52	ND	5.49	4.95	5.00	180	ND	ND
MW-116 dup	04/17/03	9.6	4.18	0.53	ND	5.46	4.95	5.00	170	ND	ND
MW-216	04/17/02	ND	7.44	3.17	ND	ND	NA	ND	ND	ND	ND
MW-216	07/16/02	ND	7.79	3.28	ND	ND	ND	ND	ND	ND	ND
MW-216	10/04/02	ND	7.79	3.41	ND	ND	ND	ND	ND	ND	ND
MW-216	01/10/03	ND	7.69	3.51	ND	ND	ND	ND	ND	ND	ND
MW-216	04/17/03	ND	8.83	3.44	ND	ND	ND	ND, 4.28[9]	ND	ND	ND
MW-117	04/18/02	27.0	8.00	2.88	ND	1.61	NA	0.10	ND	ND	ND
MW-117	07/17/02	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	01/16/03	6.8	8.00	3.04	ND	1.43	ND	ND	ND	ND	ND
MW-117	04/10/03	9.1	8.97	3.01	ND	1.59	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; November 2003 through January 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	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-217	04/18/02	1.4	8.06	4.45	ND	1.36	NA	ND	ND	ND	ND
MW-217	07/17/02	1.1	8.18	4.43	ND	1.48	ND	ND	ND	ND	ND
MW-217	10/07/02	1.1	7.95	4.55	ND	1.50	ND	ND	ND	ND	ND
MW-217	01/16/03	3.5	8.07	4.62	ND	1.47	ND	ND	ND	ND	ND
MW-217	04/10/03	2.1	9.01	4.55	ND	1.40	ND	ND	ND	ND	ND
MW-118	04/19/02	ND	4.04	1.71	ND	5.55	NA	0.07	ND	ND	ND
MW-118	07/18/02	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	01/10/03	ND	4.97	2.47	ND	5.66	ND	ND	ND	ND	ND
MW-118	04/23/03	ND	5.66	1.85	ND	5.48	ND	ND, (<0.05)[9]	ND	ND	ND
MW-218	04/19/02	9.9	3.82	1.39	ND	10.1	NA	ND	ND	ND	ND
MW-218	07/18/02	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	01/10/03	8.5	4.02	1.41	ND	9.63	ND	ND	ND	ND	ND
MW-218 dup	01/10/03	4.6	3.97	1.41	ND	9.62	ND	ND	ND	ND	ND
MW-218	04/23/03	7.1	4.32	1.39	ND	9.49	ND	ND, (<0.05)[9]	ND	ND	ND
MW-219	04/16/02	1.1	3.36	0.37	ND	6.71	NA	0.06	ND	ND	ND
MW-219 dup	04/16/02	ND	3.46	0.39	ND	6.87	NA	0.14	ND	ND	ND
MW-219	07/16/02	ND	3.79	0.43	ND	6.05	ND	ND	ND	ND	ND
MW-219	10/03/02	ND	3.63	0.44	ND	5.48	ND	ND	ND	ND	ND
MW-219	01/07/03	1.2	3.97	0.48	ND	5.65	ND	ND	ND	ND	ND
MW-219	04/18/03	ND	4.04	0.35	ND	6.32	ND	ND	ND	ND	ND
MW-220	04/25/02	2.1	5.62	2.10	ND	6.49	NA	ND	ND	ND	ND
MW-220	07/17/02	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	01/15/03	ND	5.62	2.26	ND	6.08	ND	ND	ND	ND	ND
MW-220	04/21/03	1.0	6.19	2.75	ND	5.38	ND	ND	ND	ND	ND
MW-221	04/22/02	ND	7.40	1.82	ND	10.3	NA	0.32	ND	ND	ND
MW-221	07/19/02	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	01/10/03	ND	8.02	2.66	ND	7.55	ND	ND	ND	ND	ND
MW-221	04/11/03	ND	7.58	1.78	ND	8.67	ND	ND	ND	ND	ND
MW-122	04/25/02	5.3	4.33	2.36	ND	9.40	NA	ND	ND	ND	ND
MW-122	07/17/02	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	01/15/03	6.1	5.01	2.11	ND	17.9	ND	ND	ND	ND	ND
MW-122	04/21/03	5.1	4.98	2.03	ND	12.9	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; November 2003 through January 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	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	04/25/02	9.4	1.88	0.69	ND	0.81	NA	ND	ND	ND	ND
MW-222	07/17/02	12.0	1.88	0.39	ND	0.69	ND	ND	ND	ND	ND
MW-222 dup	07/17/02	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	01/15/03	13.5	1.87	0.54	ND	0.86	ND	ND	ND	ND	ND
MW-222	04/21/03	11.3	2.16	0.68	ND	0.84	ND	ND	ND	ND	ND
MW-123	04/17/02	4.1	8.58	2.53	ND	5.63	NA	0.16	ND	ND	ND
MW-123	04/17/02	4.1	8.58	2.53	ND	5.63	NA	0.16	ND	ND	ND
MW-123	07/17/02	3.1	8.15	2.34	ND	3.77	ND	ND	ND	ND	ND
MW-123 dup	07/17/02	1.5	8.05	2.34	ND	3.64	ND	ND	ND	ND	ND
MW-123	10/07/02	1.1	9.74	3.09	ND	2.11	0.55	0.80	ND	ND	ND
MW-123	01/08/03	2.3	11.06	4.06	ND	1.51	ND	ND	ND	ND	ND
MW-123	04/04/03	1.0	14.8	4.25	ND	4.03	ND	ND	ND	ND	ND
MW-223	04/18/02	2.6	4.02	2.83	ND	0.71	NA	ND	ND	ND	ND
MW-223	07/17/02	2.9	5.77	2.91	ND	ND	ND	ND	ND	ND	ND
MW-223	10/07/02	1.4	5.54	2.94	ND	ND	ND	ND	ND	ND	ND
MW-223	01/08/03	55.8	1.42	ND	ND	12.1	ND	ND	ND	ND	ND
MW-223	04/04/03	ND	6.19	3.10	ND	ND	ND	ND	ND	ND	ND
MW-124	04/17/02	ND	6.94	2.89	ND	1.09	NA	ND	ND	ND	ND
MW-124	07/16/02	ND	8.26	3.12	ND	1.01	ND	ND	ND	ND	ND
MW-124	10/07/02	ND	7.35	3.12	ND	1.13	ND	ND	ND	ND	ND
MW-124	01/10/03	ND	6.58	2.58	ND	1.00	ND	ND	ND	ND	ND
MW-124	04/18/03	ND	7.61	3.01	ND	0.93	ND	ND	ND	ND	ND
MW-124	10/08/03	ND	6.41	2.95	ND	0.87	ND	ND	ND	ND	ND
MW-224	04/17/02	4.9	6.72	3.47	ND	ND	NA	ND	ND	ND	ND
MW-224	07/16/02	ND	7.03	3.52	ND	ND	ND	ND	ND	ND	ND
MW-224	10/07/02	ND	7.19	3.60	ND	0.24	ND	ND	ND	ND	ND
MW-224	01/15/03	1.4	6.50	3.60	ND	ND	ND	ND	ND	ND	ND
MW-224	04/18/03	1.0	6.37	3.16	ND	ND	ND	ND	ND	ND	ND
MW-224	10/08/03	2.6	6.02	3.36	ND	ND	ND	ND	ND	ND	ND
MW-125	04/16/02	ND	6.14	2.98	ND	0.95	NA	ND	ND	ND	ND
MW-125	07/16/02	ND	6.14	2.86	ND	0.90	ND	ND, (<0.05)[9]	ND	ND	ND
MW-125 dup	07/16/02	ND	6.15	2.82	ND	0.95	ND	ND	ND	ND	ND
MW-125	10/04/02	ND	6.16	2.83	ND	1.02	ND	ND	ND	ND	ND
MW-125	01/15/03	ND	5.98	3.04	ND	1.09	ND	ND	ND	ND	ND
MW-125	04/18/03	ND	6.33	2.77	ND	1.18	ND	ND	ND	ND	ND
MW-125	10/07/03	ND	5.62	2.83	ND	1.33	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; November 2003 through January 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**	**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-225	04/16/02	18.3	6.05	3.16	ND	1.52	NA	ND	ND	ND	ND
MW-225	07/16/02	3.4	6.52	3.56	ND	ND	ND	ND, (<0.05)[9]	ND	ND	ND
MW-225	10/07/02	6.3	5.98	3.31	ND	0.76	ND	ND	ND	ND	ND
MW-225	01/15/03	5.9	6.57	3.67	ND	0.53	ND	ND	ND	ND	ND
MW-225	04/22/03	2.4	7.30	3.59	ND	ND	ND	ND	ND	ND	ND
MW-225	10/07/03	2.6	6.35	3.53	ND	ND	ND	ND	ND	ND	ND
MW-226	04/16/02	ND	5.93	1.71	ND	1.65	NA	ND	ND	ND	ND
MW-226	07/12/02	1.6	6.70	2.08	ND	1.52	ND	ND	ND	ND	ND
MW-226	10/03/02	2.4	6.38	2.05	ND	1.97	ND	ND	ND	ND	ND
MW-226	02/17/03	2.4	5.87	1.65	ND	2.05	ND	ND	ND	ND	ND
MW-226	04/22/03	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-227	04/15/02	1.6	7.26	2.24	ND	ND	NA	ND	ND	ND	ND
MW-227	07/12/02	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	01/15/03	ND	7.60	2.65	ND	ND	ND	ND	ND	ND	ND
MW-227 dup	01/15/03	1.1	7.62	2.66	ND	ND	ND	ND	ND	ND	ND
MW-227	04/21/03	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-128	04/18/02	ND	7.91	2.06	ND	ND	NA	ND	ND	ND	ND
MW-128	07/18/02	ND	7.65	2.09	ND	ND	ND	ND	ND	ND	ND
MW-128 dup	07/18/02	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	01/16/03	ND	8.26	2.66	ND	ND	ND	ND	ND	ND	ND
MW-128	04/09/03	ND	9.38	1.97	ND	ND	ND	ND	ND	ND	ND
MW-128	10/08/03	ND	7.39	1.79	ND	0.56	ND	ND	ND	ND	ND
MW-228	04/18/02	ND	10.4	5.60	ND	4.58	NA	ND	ND	ND	ND
MW-228	07/18/02	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	01/16/03	1.3	9.83	5.72	ND	4.01	ND	ND	ND	ND	ND
MW-228	04/09/03	ND	11.4	5.82	ND	3.97	ND	ND	ND	ND	ND
MW-228	10/08/03	ND	8.95	5.25	ND	3.77	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; November 2003 through January 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	0.50 mg/l as Cl	0.10 mg NO_3-N/l	0.10 mg NO_2-N/l	0.50 mg/l as SO_4	0.50 mg/l as Ferrous Iron	0.50 mg/l as Fe	2.0 µg/l	4.0 µg/l	3.0 µg/l
MW-129	04/10/02	ND	8.20	5.85	ND	ND	NA	ND	ND	ND	ND
MW-129	07/10/02	ND	7.68	2.83	ND	ND	ND	ND	ND	ND	ND
MW-129	10/09/02	ND	8.00	3.16	ND	ND	ND	ND	ND	ND	ND
MW-129	01/13/03	ND	7.81	3.19	ND	ND	ND	ND	ND	ND	ND
MW-129	04/15/03	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-229	04/11/02	1.6	7.76	4.49	ND	ND	NA	ND	ND	ND	ND
MW-229 dup	04/11/02	1.5	7.50	4.26	ND	ND	NA	ND	ND	ND	ND
MW-229	07/10/02	ND	6.86	3.47	ND	ND	ND	ND	ND	ND	ND
MW-229	10/09/02	ND	7.06	3.57	ND	ND	ND	ND	ND	ND	ND
MW-229	01/13/03	ND	6.88	3.67	ND	ND	ND	ND	ND	ND	ND
MW-229	04/15/03	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-130	04/22/02	1.8	10.3	2.75	ND	1.00	NA	ND	ND	ND	ND
MW-130	07/19/02	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	01/17/03	2.2	9.83	3.05	ND	ND	ND	ND	ND	ND	ND
MW-130	04/09/03	2.0	11.0	2.95	ND	0.87	ND	ND	ND	ND	ND
MW-130	07/02/03	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	01/09/04	3.8	9.68	1.78	ND	3.69	ND	ND	ND	ND	ND
MW-130 dup	01/09/04	2.8	9.65	1.77	ND	3.22	ND	ND	ND	ND	ND
MW-230	04/22/02	5.9	7.25	7.40	ND	0.74	NA	ND	ND	ND	ND
MW-230	07/19/02	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	01/17/03	1.8	7.35	7.93	ND	ND	ND	ND	ND	ND	ND
MW-230	04/09/03	2.1	7.98	8.24	ND	ND	ND	ND	ND	ND	ND
MW-230	07/02/03	1.4	7.68	8.98	ND	ND	ND	ND	ND	ND	ND
MW-230	10/16/03	1.1	7.0	8.61	ND	0.79	ND	ND	ND	ND	ND
MW-230	01/12/04	2.8	6.7	8.32	ND	0.75	ND	ND	ND	ND	ND
MW-131	04/12/02	2.6	7.08	1.64	ND	ND	NA	0.55	ND	ND	ND
MW-131 dup	04/12/02	2.0	7.05	1.62	ND	ND	NA	0.54	ND	ND	ND
MW-131	07/11/02	2.2	6.45	1.15	ND	2.20	ND	ND	ND	ND	ND
MW-131	10/09/02	2.9	5.97	0.90	ND	1.16	ND	ND	ND	ND	ND
MW-131	01/14/03	4.8	5.51	2.23	ND	1.27	ND	ND	ND	ND	ND
MW-131	04/16/03	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

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; November 2003 through January 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**	**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-231	04/12/02	2.5	6.32	3.06	ND	ND	NA	ND	ND	ND	ND
MW-231	07/11/02	2.2	5.23	2.17	ND	2.15	ND	ND	ND	ND	ND
MW-231	10/09/02	3.5	4.89	2.14	ND	1.12	ND	ND	ND	ND	ND
MW-231 dup	10/09/02	3.3	4.90	2.10	ND	1.10	ND	ND	ND	ND	ND
MW-231	01/14/03	5.4	6.34	1.09	ND	0.87	ND	ND	ND	ND	ND
MW-231	04/16/03	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-132	04/18/02	ND	10.4	5.87	ND	2.56	NA	0.22	ND	ND	ND
MW-132	07/18/02	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	01/17/03	ND	11.4	7.07	ND	2.06	ND	ND	ND	ND	ND
MW-132	04/04/03	ND	11.2	7.83	ND	2.14	ND	ND	ND	ND	ND
MW-132	10/08/03	ND	12.0	9.98	ND	1.55	ND	ND	ND	ND	ND
MW-232	04/18/02	4.2	7.75	2.23	ND	ND	NA	ND	ND	ND	ND
MW-232	07/18/02	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	01/17/03	3.3	8.00	2.48	ND	ND	ND	ND	ND	ND	ND
MW-232 dup	01/17/03	3.6	8.00	2.48	ND	ND	ND	ND	ND	ND	ND
MW-232	04/04/03	2.2	8.97	2.60	ND	ND	ND	ND	ND	ND	ND
MW-232	10/08/03	2.5	7.2	2.45	ND	ND	ND	ND	ND	ND	ND
MW-133	04/16/02	ND	7.32	1.79	ND	ND	NA	0.06	ND	ND	ND
MW-133	07/15/02	ND	7.27	1.76	ND	ND	ND	ND	ND	ND	ND
MW-133 dup	07/15/02	ND	7.19	1.75	ND	ND	ND	ND	ND	ND	ND
MW-133	10/03/02	ND	7.18	1.66	ND	ND	ND	ND	ND	ND	ND
MW-133	01/15/03	ND	7.40	1.69	ND	ND	ND	ND	ND	ND	ND
MW-133	04/22/03	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-233	04/16/02	ND	6.54	2.11	ND	ND	NA	ND	ND	ND	ND
MW-233	07/15/02	ND	6.56	2.12	ND	ND	ND	ND	ND	ND	ND
MW-233	10/03/02	ND	6.62	2.11	ND	ND	ND	ND	ND	ND	ND
MW-233	01/16/03	ND	6.80	2.13	ND	ND	ND	ND	ND	ND	ND
MW-233	04/22/03	ND	7.43	2.02	ND	ND	ND	ND, (<0.05)[9]	ND	ND	ND
MW-233	10/17/03	ND	6.84	2.06	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; November 2003 through January 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**	**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-134	04/19/02	ND	6.32	0.85	ND	ND	NA	ND	ND	ND	ND
MW-134	07/18/02	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	01/09/03	ND	8.01	0.95	ND	ND	ND	ND	ND	ND	ND
MW-134	04/21/03	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)[9]	ND	ND	ND
MW-234	04/19/02	ND	8.77	3.73	ND	2.07	NA	ND	ND	ND	ND
MW-234	07/18/02	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	01/09/03	1.4	8.78	3.77	ND	ND	ND	ND	ND	ND	ND
MW-234	04/21/03	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-135A	10/10/02	11.8	4.76	1.76	ND	14.5	ND	ND	ND	ND	ND
MW-135A	01/08/03	11.6	4.51	1.49	ND	17.6	ND	ND	ND	ND	ND
MW-135A	04/02/03	4.7	3.77	1.90	ND	0.64	ND	ND	ND	ND	ND
MW-135A	07/07/03	5.6	4.56	2.29	ND	3.64	ND	ND, (<0.05)[9]	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	01/13/04	5.4	3.99	2.28	ND	8.24	ND	ND	ND	ND	ND
MW-235B	10/10/02	9.1	4.07	1.85	ND	9.95	0.50	0.50	ND	ND	ND
MW-235B	01/08/03	11.3	4.26	1.49	ND	33.1	1.05	1.05, 0.78[9]	ND	ND	ND
MW-235B	04/02/03	8.6	3.82	1.49	ND	16.5	ND	ND	ND	ND	ND
MW-235B	07/07/03	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	01/13/04	7.4	3.66	1.81	ND	6.51	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	01/08/03	8.0	2.85	1.47	ND	10.1	ND	ND	ND	ND	ND
MW-235C	04/03/03	3.2	2.58	1.50	ND	1.38	ND	ND	ND	ND	ND
MW-235C	07/03/03	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	01/12/04	3.5	2.40	1.57	ND	6.81	ND	ND	ND	ND	ND
MW-235C dup	01/12/04	3.0	2.49	1.56	ND	6.62	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; November 2003 through January 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**	**0.50 mg/l as Cl**	**0.10 mg NO_3-N/l**	**0.10 mg NO_2-N/l**	**0.50 mg/l as SO_4**	**0.50 mg/l as Ferrous Iron**	**0.50 mg/l as Fe**	**2.0 µg/l**	**4.0 µg/l**	**3.0 µg/l**
MW-136A	10/17/02	4.9	6.76	1.77	ND	1.63	0.75	0.75	ND	ND	ND
MW-136A	01/14/03	1.2	6.39	1.97	ND	0.57	ND	ND	ND	ND	ND
MW-136A	04/11/03	ND	7.66	1.79	ND	0.38	ND	ND	ND	ND	ND
MW-136A	07/09/03	ND	7.49	2.04	ND	ND	ND	ND	ND	ND	ND
MW-136A	10/09/03	ND	6.19	1.49	ND	ND	ND	ND	ND	ND	ND
MW-136A	01/05/04	ND	6.60	1.68	ND	ND	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	01/14/03	10.3	5.58	2.23	ND	4.18	ND	ND	ND	ND	ND
MW-236B	04/11/03	9.3	8.05	2.21	ND	2.10	ND	ND	ND	ND	ND
MW-236B	07/10/03	10.7	7.43	2.34	ND	3.94	ND	ND	ND	ND	ND
MW-236B	10/09/03	7.0	5.55	2.25	ND	1.51	ND	ND	ND	ND	ND
MW-236B	01/05/04	6.5	5.08	2.25	ND	0.85	ND	ND	ND	ND	ND
MW-236C	10/17/02	2.1	3.95	3.20	ND	12.4	ND	ND	ND	ND	ND
MW-236C	01/14/03	ND	3.63	2.74	ND	0.97	ND	ND	ND	ND	ND
MW-236C	04/11/03	2.3	4.14	2.93	ND	0.88	ND	ND	ND	ND	ND
MW-236C dup	04/11/03	1.9	4.03	2.92	ND	0.81	ND	ND	ND	ND	ND
MW-236C	07/08/03	2.1	4.11	3.31	ND	1.30	ND	ND	ND	ND	ND
MW-236C	10/09/03	2.0	3.44	2.92	ND	0.71	ND	ND	ND	ND	ND
MW-236C dup	10/09/03	2.0	3.45	2.92	ND	0.76	ND	ND	ND	ND	ND
MW-236C	01/06/04	2.4	3.33	2.82	ND	0.60	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	01/09/03	8.1	8.66	3.33	ND	0.68	ND	ND	ND	ND	ND
MW-137A dup	01/09/03	7.4	8.76	3.30	ND	ND	ND	ND	ND	ND	ND
MW-137A	04/04/03	6.7	9.84	3.37	ND	ND	ND	ND	ND	ND	ND
MW-137A	07/03/03	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	01/12/04	6.3	8.46	3.19	ND	0.77	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	01/09/03	9.2	8.74	4.49	ND	2.73	ND	ND	ND	ND	ND
MW-237B	04/09/03	10.0	9.55	4.21	ND	1.07	ND	ND	ND	ND	ND
MW-237B	07/07/03	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	01/12/04	12.7	9.39	3.87	ND	3.01	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; November 2003 through January 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**	**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-237C	10/16/02	4.6	7.67	7.08	ND	1.09	ND	ND	ND	ND	ND
MW-237C	01/10/03	2.0	7.51	7.61	ND	ND	ND	ND	ND	ND	ND
MW-237C	04/10/03	2.5	8.58	7.27	ND	ND	ND	ND	ND	ND	ND
MW-237C	07/03/03	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	01/12/04	2.2	7.76	6.07	ND	0.70	ND	ND	ND	ND	ND
MW-138A	10/21/02	1.7	12.7	3.85	ND	5.72	ND	ND	ND	ND	ND
MW-138A	02/05/03	3.5	11.7	4.53	ND	1.91	ND	ND	ND	ND	ND
MW-138A	04/10/03	1.6	11.8	4.08	ND	1.95	ND	ND	ND	ND	ND
MW-138A	07/07/03	ND	9.67	4.20	ND	2.63	ND	ND	ND	ND	ND
MW-138A dup	07/07/03	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)[9]	ND	ND	ND
MW-138A	01/13/04	2.6	9.84	4.03	ND	2.35	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	02/05/03	11.6	8.89	4.36	ND	13.6	ND	ND	ND	ND	ND
MW-238B	04/11/03	13.8	9.65	4.35	ND	5.04	ND	ND	ND	ND	ND
MW-238B	07/10/03	18.8	8.96	5.01	ND	3.20	1.55	ND, 0.40[9]	ND	ND	ND
MW-238B	10/21/03	22.7	9.36	4.37	ND	3.79	ND	ND	ND	ND	ND
MW-238B	01/13/04	11.3	8.36	4.22	ND	2.61	ND	ND	ND	ND	ND
MW-238B dup	01/13/04	11.4	8.35	4.21	ND	2.24	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	02/17/03	11.1	7.64	3.70	ND	5.61	ND	ND	ND	ND	ND
MW-238C	04/10/03	12.5	8.29	3.86	ND	2.57	ND	ND	ND	ND	ND
MW-238C	07/11/03	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	01/14/04	12.6	7.90	3.64	ND	5.18	ND	ND	ND	ND	ND
MW-339	02/07/03	94.6	2.62	0.22	ND	65.1	ND	ND	ND	ND	ND
MW-339	02/18/03	105	2.05	ND	ND	18.2	ND	ND	ND	ND	ND
MW-339	04/01/03	106	1.99	ND	ND	37.1	ND	ND	ND	ND	ND
MW-339 dup	04/01/03	104	2.02	ND	ND	35.3	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; November 2003 through January 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**	**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-340	02/07/03	51.0	1.84	ND	ND	15.4	ND	ND	ND	ND	ND
MW-340	02/20/03	52.1	1.77	ND	ND	12.9	3.60	3.65	ND	ND	ND
MW-340	04/01/03	62.0	1.98	ND	ND	43.5	2.70	3.30, 2.16[9]	ND	ND	ND
MW-341	02/07/03	125	3.74	ND	ND	14.0	ND	ND	ND	ND	ND
MW-341	02/19/03	81.2	2.13	ND	ND	24.7	ND	ND	ND	ND	ND
MW-341	04/02/03	84.2	2.15	ND	ND	29.0	ND	ND	ND	ND	ND
MW-342	02/07/03	65.4	1.66	ND	ND	9.83	ND	ND	ND	ND	ND
MW-342	04/02/03	81.0	2.07	ND	ND	18.7	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 confirmation samples were collected from wells in accordance with Addendum 13 - Ground-water Monitoring Plan.

[6] ND - Not detected

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

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

[9] 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.

[10] 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.

[11] 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; November 2003 through January 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	7/11/2002	0.6
	10/9/2002	1.7
	1/14/2003	23.7
	4/15/2003	20.8
	10/9/2003	2.3
MW-3A	7/12/2002	ND[4]
	10/9/2002	0.9
	1/14/2003	11.3
	4/16/2003	6.7
MW-106	4/9/2002	ND (<5.0)
	7/9/2002	1.4
	10/3/2002	1.9
	1/6/2003	32.4
	4/3/2003	12.7
MW-106	10/15/2003	1.9
MW-106	1/9/2004	1.1
MW-106 dup[5]	1/9/2004	0.6
MW-206	4/9/2002	ND (<5.0)
	7/9/2002	1.8
	10/3/2002	0.8
	1/6/2003	5.1
	4/3/2003	1.5
	10/15/2003	2.5
MW-206 dup	10/15/2003	2.5
MW-206	1/8/2004	ND

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; November 2003 through January 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-107	4/9/2002	ND (<5.0)
	7/9/2002	0.9
	10/2/2002	NC[6]
	1/7/2003	5.6
	4/3/2003	6.4
	7/2/2003	0.7
MW-107 dup	7/2/2003	0.6
MW-107	10/15/2003	1.5
MW-107	1/9/2004	ND
MW-207	4/9/2002	ND (<5.0)
	7/9/2002	0.7
	10/2/2002	NC
	1/7/2003	7.4
	4/3/2003	7.1
MW-207 dup	4/3/2003	8.7
MW-207	7/2/2003	0.8
	10/15/2003	2.3
MW-207	1/9/2004	1.4
MW-223	7/17/2002	0.5
	10/3/2002	1.1
	1/8/2003	16.9
	4/4/2003	6.6
MW-225	7/16/2002	0.5
MW-225 dup	7/16/2002	0.5
MW-225	10/3/2002	1.5
	1/15/2003	13.2
	4/22/2003	10.3
	10/7/2003	1.2

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; November 2003 through January 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	7/18/2002	0.5
	10/14/2002	0.8
MW-228 dup	10/14/2002	0.7
MW-228	1/16/2003	7.8
	4/9/2003	5.7
	10/8/2003	1.4
MW-130	7/19/2002	0.8
	10/16/2002	0.8
	1/17/2003	1.6
	4/9/2003	3.7
	7/2/2003	1.5
	10/16/2003	1.0
MW-130 dup	10/16/2003	0.9
MW-130	1/9/2004	1.0
MW-130 dup	1/9/2004	1.0
MW-230	7/19/2002	1.1
	10/16/2002	0.9
	1/17/2003	1.0
	4/9/2003	5.3
	7/2/2003	0.7
	10/16/2003	0.7
MW-230	1/12/2004	1.2

Table 5. Results of total organic carbon (TOC)[1] analyses in ground-water samples from monitoring wells; November 2003 through January 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-131	7/11/2002	0.9
	10/9/2002	1.0
	1/14/2003	8.9
	4/16/2003	7.3
	10/14/2003	1.6
MW-231	7/11/2002	1.0
MW-231 dup	10/9/2002	0.9
MW-231	1/14/2003	7.8
	4/16/2003	6.6
	10/14/2003	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 confirmation 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 not collected from monitoring wells MW-107 and MW-207 on 10/2/02.

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; November 2003 through January 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 1.0 µ/l [2]	Cis-1,2-Dichloroethene 1.0 µ/l [2]	Vinyl Chloride 1.0 µ/l [2]	1,1-Dichloroethene 1.0 µ/l [2]	1,1,1-Trichloroethane 1.0 µ/l [2]	1,1,2-Trichloroethane 1.0 µ/l [2]	1,1-Dichloroethane 1.0 µ/l [2]	1,2-Dichloroethane 1.0 µ/l [2]	Benzene 1.0 µ/l [2]	Bromodichloromethane 1.0 µ/l [2]	Carbon Tetrachloride 1.0 µ/l [2]	Chloroform 1.0 µ/l [2]	Chloromethane 1.0 µ/l [2]	Dibromochloromethane 1.0 µ/l [2]	Methylene Chloride 1.0 µ/l [2]	Tetrachloroethylene 1.0 µ/l [2]	Toluene 1.0 µ/l [2]
CMT 1	Port 1 (CMT 1-1)	02/21/02	304	ND[3]	ND	35.9	ND	ND	ND	ND	ND	ND	ND	61.1	ND	ND	ND	ND	1.0J[4]
		04/04/02	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	ND (<10.0)	ND (<10.0)	26.1B[5]	ND (<10.0)	ND (<10.0)
		05/06/02	2,590	ND (<5.0)	ND (<5.0)	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)
		07/23/02	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)
		01/20/03	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	46J	ND (<20.0)	ND (<20.0)	20.4J	ND (<20.0)	ND (<20.0)
		04/24/03	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	48J	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)	ND (<20.0)
		07/10/03	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)
		01/19/04	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)
	Port 2 (CMT 1-2)	02/21/02	84.2	ND	ND	5.4J	ND	ND	ND	ND	ND	ND	ND	57	ND	ND (<2.5)	ND	ND	ND
		04/04/02	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)
		05/06/02	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)
		07/23/02	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)	35J	49.9J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		01/20/03	7,510	ND (<20.0)	ND (<20.0)	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)
		04/24/03	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)
		07/10/03	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)
		01/19/04	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)
	Port 3 (CMT 1-3)	02/21/02	850	ND	NA[6]	20,000J	23.0J	NA	ND	ND	NA	ND	ND	ND	NA	NA	NA	ND	ND
		04/05/02	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)
		05/06/02	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
		07/23/02	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)
		01/21/03	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)
		04/25/03	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)
		07/11/03	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)
		01/19/04	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)
	Port 4 (CMT 1-4)	02/21/02	NS[7]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/05/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		05/06/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/23/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/18/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/11/03	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
		1/19/2004[8]	1.8J	41.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Port 5 (CMT 1-5)	02/21/02	100	ND	NA	1,500J	18.0J	NA	ND	ND	ND	NA	ND	ND	NA	NA	NA	ND	ND
		04/05/02	350J	ND	ND	5.2J	ND	ND	ND	ND	ND	ND	ND	6.9J	ND	ND	1.8B	ND	ND
		05/06/02	192	ND	ND	3.8J	ND	ND	ND	ND	ND	ND	ND	7.9J	ND	ND	ND	ND	2.4J
		07/23/02	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
		01/21/03	259	ND	ND	2.3J	ND	ND	ND	ND	ND	ND	ND	1.5J	ND	ND	ND	ND	ND
		04/25/03	358	ND	ND	5.5J	ND	ND	ND	ND	ND	ND	3.9J	1.3J	ND	ND	ND	ND	ND
		07/11/03	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
		01/20/04	113	17.1J	ND	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	1.1J	ND	ND	ND	ND
	Port 6 (CMT 1-6)	02/21/02	157	ND	ND	27	ND	ND	ND	ND	ND	2.7J	ND	54.7	ND	ND	ND	ND	ND
		04/05/02	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)
		05/06/02	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)
		07/24/02	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)
		01/21/03	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)
		04/25/03	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)
		07/14/03	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)
		01/20/04	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)
	Port 7 (CMT 1-7)	02/21/02	585	ND	ND	77.2	ND	ND	ND	ND	ND	3.3J	14.8J	58.1	ND	ND	ND	ND	ND
		04/05/02	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)
		05/06/02	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)
		07/24/02	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)
		01/21/03	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)
		04/25/03	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)
		07/14/03	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)
		01/20/04	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)

Table 6. Results of analyses of detected volatile organic compounds (VOCs)[1] in ground-water samples from Continuous Multi-Channel Tubing (CMT) wells; November 2003 through January 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 1.0 µ/l [2]	Cis-1,2-Dichloroethene 1.0 µ/l [2]	Vinyl Chloride 1.0 µ/l [2]	1,1-Dichloroethene 1.0 µ/l [2]	1,1,1-Trichloroethane 1.0 µ/l [2]	1,1,2-Trichloroethane 1.0 µ/l [2]	1,1-Dichloroethane 1.0 µ/l [2]	1,2-Dichloroethane 1.0 µ/l [2]	Benzene 1.0 µ/l [2]	Bromodichloromethane 1.0 µ/l [2]	Carbon Tetrachloride 1.0 µ/l [2]	Chloroform 1.0 µ/l [2]	Chloromethane 1.0 µ/l [2]	Dibromochloromethane 1.0 µ/l [2]	Methylene Chloride 1.0 µ/l [2]	Tetrachloroethylene 1.0 µ/l [2]	Toluene 1.0 µ/l [2]
CMT 2	Port 1 (CMT 2-1)	02/21/02	1.4J	ND	ND	ND	ND	ND	ND	ND	ND	1.4J	ND	35.4	ND	ND	ND	ND	1.7J
		05/06/02	787	ND (<2.5)	ND (<2.5)	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)
		07/24/02	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
		01/20/03	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)
		04/25/03	1,650	ND (<2.5)	ND (<2.5)	23J	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)
		07/14/03	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)
		01/21/04	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)
	Port 2 (CMT 2-2)	02/21/02	1.9J	ND	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	28.2	ND	ND	ND	ND	ND
		05/06/02	4,090	ND (<10.0)	ND (<10.0)	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)
		07/24/02	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)	26J	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)	ND (<10.0)
		01/20/03	6,340	ND (<10.0)	ND (<10.0)	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)
		04/28/03	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)
		07/14/03	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)
		01/14/04	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)
	Port 3 (CMT 2-3)	02/21/02	5.6J	ND	ND	ND	ND	ND	ND	ND	ND	1.3J	ND	43.5	ND	ND	ND	ND	ND
		05/06/02	2,770	ND (<5.0)	ND (<5.0)	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)
		07/24/02	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)
		01/20/03	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)
		04/28/03	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)
		07/14/03	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)
		01/14/04	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)
	Port 4 (CMT 2-4)	02/21/02	1.7J	ND	ND	ND	ND	ND	ND	ND	ND	2.7J	ND	42.8	ND	ND	ND	ND	1.0J
		05/06/02	1,320	ND (<2.5)	ND (<2.5)	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)
		07/25/02	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)	79J	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)
		01/21/03	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)
		04/28/03	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)
		07/15/03	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)
		01/15/04	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)
	Port 5 (CMT 2-5)	02/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2J	ND	45.4	ND	ND	ND	ND	1.1J
		05/07/02	79.3	ND	ND	6.5J	ND	ND	ND	ND	ND	ND	ND	6.0J	ND	ND	ND	ND	1.3J
		07/25/02	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
		01/21/03	1,080	ND	ND	34.4	ND	ND	ND	ND	ND	ND	8.3J	2.1J	ND	ND	ND	ND	ND
		04/28/03	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)
		07/15/03	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)
		01/15/04	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)
	Port 6 (CMT 2-6)	02/21/02	ND	ND	ND	1.0J	ND	ND	ND	ND	ND	1.5J	ND	64.4	ND	ND	ND	ND	1.9J
		05/07/02	11.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.0	ND	ND	9.1J	ND	2.7J
		07/25/02	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
		01/21/03	115	5.5J	ND	6.5J	ND	ND	ND	ND	ND	ND	ND	2.6J	ND	ND	ND	ND	ND
		04/28/03	32.8	186	ND	10.7J	ND	ND	ND	ND	ND	ND	ND	1.8J	ND	ND	ND	ND	ND
		07/15/03	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
		01/15/04	407	225	ND	17.7J	ND	ND	ND	ND	ND	ND	2.9J	ND	ND	ND	ND	ND	ND
	Port 7 (CMT 2-7)	02/21/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	1.1J
		05/07/02	1.3J	ND	ND	8.6J	ND	ND	ND	ND	ND	ND	ND	36.3	ND	ND	ND	ND	3.1J
		07/25/02	3.6J	ND	ND	ND	ND	ND	ND	ND	ND	ND	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
		01/21/03	18.7J	2.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0J	ND	ND	ND	ND	ND
		04/28/03	20.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		07/16/03	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
		01/15/04	7.3J	16.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2J	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; November 2003 through January 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 1.0 µ/l [2]	Cis-1,2-Dichloroethene 1.0 µ/l [2]	Vinyl Chloride 1.0 µ/l [2]	1,1-Dichloroethene 1.0 µ/l [2]	1,1,1-Trichloroethane 1.0 µ/l [2]	1,1,2-Trichloroethane 1.0 µ/l [2]	1,1-Dichloroethane 1.0 µ/l [2]	1,2-Dichloroethane 1.0 µ/l [2]	Benzene 1.0 µ/l [2]	Bromodichloromethane 1.0 µ/l [2]	Carbon Tetrachloride 1.0 µ/l [2]	Chloroform 1.0 µ/l [2]	Chloromethane 1.0 µ/l [2]	Dibromochloromethane 1.0 µ/l [2]	Methylene Chloride 1.0 µ/l [2]	Tetrachloroethylene 1.0 µ/l [2]	Toluene 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
		01/21/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/15/03	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
		01/15/04	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
		01/22/03	245	ND	ND	1.9J	ND	ND	ND	ND	ND	ND	ND	1.7J	ND	ND	ND	ND	ND
		04/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/15/03	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
		01/16/04	141	ND	ND	1.5J	ND	ND	ND	ND	ND	ND	ND	3.1J	1.3J	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
		01/22/03	395	ND	ND	2.8J	ND	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND	ND	ND
		04/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/16/03	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)
		01/15/04	266	5.8J	ND	3.5J	ND	ND	ND	ND	ND	ND	1.1J	1.8J	ND	ND	ND	ND	ND
	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
		01/22/03	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)	ND (<5.0)	20.5J	10.0J	ND (<5.0)	ND (<5.0)	5.5J	ND (<5.0)	ND (<5.0)
		04/23/03	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)	ND (<2.5)	13.3J	4.1J	ND (<2.5)	ND (<2.5)	2.8J	ND (<2.5)	ND (<2.5)
		07/15/03	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)	ND (<5.0)	27.7J	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
		01/16/04	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)	ND (<2.0)
	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
		01/23/03	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)	ND (<2.5)
		04/23/03	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)
		07/16/03	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)
		01/16/04	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)
	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
		01/23/03	245	ND	ND	228	ND	ND	ND	ND	ND	ND	42.3	4.2J	ND	ND	ND	ND	ND
		04/24/03	215	ND	ND	193	ND	ND	1.5J	1.5J	ND	ND	45.0	3.4J	ND	ND	ND	ND	ND
		07/17/03	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
		01/16/04	388	ND	ND	198	ND	ND	1.5J	ND	ND	ND	40.4	3.5J	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
		01/23/03	7.9J	ND	ND	11.3J	ND	ND	ND	ND	ND	ND	1.9J	8.5J	ND	ND	ND	ND	ND
		04/24/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/17/03	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
		01/16/04	20.4	ND	ND	29.4	ND	ND	ND	ND	ND	ND	6.4J	ND	1.2J	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; November 2003 through January 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
		01/22/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/23/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/17/03	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
		01/21/04	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
		01/22/03	193	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		04/23/03	393	ND	ND	5.3J	ND	ND	ND	ND	ND	ND	3.4J	3.8J	ND	ND	ND	ND	ND
		07/17/03	137	ND	ND	1.8J	ND	ND	ND	ND	ND	ND	2.6J	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
		01/21/04	195	1.0J	ND	2.5J	ND	ND	ND	ND	ND	ND	ND	1.7J	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)
		01/22/03	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)
		04/23/03	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)
		07/17/03	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)
		01/21/04	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)
	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)
		01/22/03	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)
		07/18/03	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)
		01/21/04	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)
	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
		01/22/03	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)
		04/24/03	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)
		07/18/03	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)
		01/21/04	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)
	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)
		01/23/03	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)
		04/24/03	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)
		07/18/03	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)
		01/22/04	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)
	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)
		01/23/03	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)
		04/24/03	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)
		07/18/03	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)
		01/22/04	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)

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; November 2003 through January 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	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)	07/22/2002	220	12.8	ND[6]	ND	155	3.55	6.35	ND	ND	ND
		10/17/2002	158	12.4	0.40	ND	49.3	4.75	6.25	ND	ND	ND
		01/20/2003	128	11.1	0.79	ND	13.1	5.25	5.25	ND	ND	ND
		04/24/2003	166	11.5	0.24	ND	6.82	4.85	4.9, 7.37[7]	ND	ND	ND
		07/10/2003	141	3.05	ND	ND	4.99	0.70	0.75	ND	ND	ND
		10/24/2003	16.4	4.89	0.11	ND	1.07	2.55	3.60	ND	ND	ND
		01/19/2004	145	5.41	0.26	ND	1.74	3.70	4.05	15	ND	ND
	Port 2 (CMT 1-2)	07/23/2002	194	15.3	ND	ND	144	3.75	2.65	ND	ND	ND
		10/17/2002	121	15.7	0.57	ND	64.3	11.0	12.0	ND	ND	ND
		01/20/2003	107	14.2	1.47	ND	16.5	7.75	8.00	ND	ND	ND
		04/24/2003	125	10.9	0.10	ND	8.40	7.50	8.00, 0.34[7]	ND	ND	ND
		07/10/2003	37.5	1.36	ND	ND	7.77	0.70	0.80	ND	ND	ND
		10/24/2003	129	8.05	ND	ND	30.6	0.70	1.45	ND	ND	ND
		01/19/2004	82.8	5.34	ND	ND	6.19	4.95	5.00	31	ND	ND
	Port 3 (CMT 1-3)	07/23/2002	114	17.1	1.41	ND	162	1.55[8]	2.00	ND	ND	ND
		10/18/2002	69.9	15.0	3.48	ND	30.8	5.25	5.50	ND	ND	ND
		01/21/2003	742	13.3	4.35	ND	5.58	6.00	6.00	ND	ND	ND
		04/25/2003	81.6	10.0	2.86	ND	1.74	3.75	3.70	ND	ND	ND
		07/11/2003	52.0	9.83	2.33	ND	1.62	0.75	0.70	ND	ND	ND
		10/27/2003	28.2	8.70	0.51	ND	1.85	2.50	2.45	2.3	ND	ND
		01/19/2004	67.5	12.1	2.92	ND	1.37	3.55	3.55	4.8	ND	ND
	Port 4 (CMT 1-4)	10/18/2002	NS[9]	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/21/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/25/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/11/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/19/2004[10]	202	1.47	ND	ND	3.98	ND	ND	100	ND	ND
	Port 5 (CMT 1-5)	07/23/2002	41.5	14.6	3.01	ND	15.8	2.90	6.20	ND	ND	ND
		10/18/2002	37.9	12.3	2.50	ND	6.34	6.25	7.00	ND	ND	ND
		01/21/2003	19.4	13.1	3.95	ND	5.78	5.75	6.00	ND	ND	ND
		04/25/2003	15.4	10.3	2.53	ND	5.93	3.65	3.70	ND	ND	ND
		07/11/2003	82.1	6.74	0.91	ND	7.17	0.75	0.75	3.5	ND	ND
		10/27/2003	66.2	16.6	2.99	ND	9.61	1.60	1.85	ND	ND	ND
		01/19/2004	76.6	9.82	2.01	ND	6.47	1.40	1.50	38	ND	ND
	Port 6 (CMT 1-6)	07/24/2002	144	11.2	ND	ND	105	1.60[8]	1.85	ND	ND	ND
		10/18/2002	108	11.6	0.27	0.13	38.9	7.75	8.00	ND	ND	ND
		01/21/2003	77.3	11.0	0.61	0.20	13.3	7.50	7.50	ND	ND	ND
		04/25/2003	105	10.0	0.76	ND	7.99	5.00	6.00	ND	ND	ND
		07/14/2003	96.7	4.30	ND	ND	5.93	ND	ND	ND	ND	ND
		10/27/2003	109	5.79	0.42	ND	2.55	3.15	3.55	ND	ND	ND
		01/20/2004	100	8.68	1.15	ND	0.74	3.30	3.40	4.2	ND	ND
	Port 7 (CMT 1-7)	07/24/2002	43.2	9.62	4.02	ND	29.0	2.20	2.15	ND	ND	ND
		10/21/2002	25.9	8.99	5.25	ND	2.67	ND	ND	ND	ND	ND
		01/21/2003	17.2	9.52	6.12	ND	1.16	0.50	0.50	ND	ND	ND
		04/25/2003	14.3	8.77	4.79	ND	0.64	ND	ND	ND	ND	ND
		07/14/2003	12.0	6.04	2.89	ND	1.95	ND	ND	ND	ND	ND
		10/28/2003	79.7	8.85	5.37	ND	0.78	ND	ND	ND	ND	ND
		01/20/2004	20.1	8.76	5.81	ND	ND	ND	ND	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; November 2003 through January 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	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)	7/24/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/21/2002	61.9	6.76	0.44	ND	89.8	4.10	4.20	ND	ND	ND
		01/20/2003	57.0	6.13	0.41	ND	79.7	4.00	4.25	ND	ND	ND
		04/25/2003	58.4	6.47	0.73	ND	48.0	ND	ND	ND	ND	ND
		07/14/2003	51.1	6.90	0.82	ND	31.9	1.35	0.90	ND	ND	ND
		10/22/2003	33.6	6.29	0.69	ND	20.5	ND	ND	ND	ND	ND
		01/20/2004	26.8	5.34	1.04	ND	12.0	1.00	1.15	ND	ND	ND
	Port 2 (CMT 2-2)	07/24/2002	332	5.64	0.55	ND	74.1	1.05	1.05	ND	ND	ND
		10/21/2002	22.4	5.83	1.15	ND	18.9	1.05	1.10	ND	ND	ND
		01/20/2003	22.3	5.49	1.56	ND	8.84	ND	ND	ND	ND	ND
		04/28/2003	17.3	4.69	1.39	ND	4.74	ND	ND	ND	ND	ND
		07/14/2003	12.7	5.41	1.76	ND	5.49	2.35	2.30	ND	ND	ND
		10/22/2003	8.4	4.80	1.70	ND	4.23	ND	ND	ND	ND	ND
		01/14/2004	12.8	4.33	1.65	ND	3.00	0.95	1.05	ND	ND	ND
	Port 3 (CMT 2-3)	07/24/2002	72.7	5.58	0.36	ND	258	6.00	5.90	ND	ND	ND
		10/22/2002	60.6	4.34	0.92	ND	94.1	1.45	1.50	ND	ND	ND
		01/20/2003	56.6	4.32	0.86	ND	54.7	1.55	1.60	ND	ND	ND
		04/28/2003	50.8	3.85	1.03	ND	29.0	0.90	0.95	ND	ND	ND
		07/14/2003	48.1	3.95	0.99	ND	25.0	1.25	1.20	ND	ND	ND
		10/22/2003	46.6	3.45	1.21	ND	20.4	0.95	1.0, 0.29[7]	ND	ND	ND
		01/14/2004	54.8	3.50	1.08	ND	22.6	2.65	3.65, 1.84[7]	ND	ND	ND
	Port 4 (CMT 2-4)	07/25/2002	71.8	10.5	ND	ND	163	2.35[8]	2.40	ND	ND	ND
		10/22/2002	52.6	5.72	0.26	ND	28.5	3.95	3.95	ND	ND	ND
		01/21/2003	40.3	4.37	0.40	ND	4.39	1.70	1.70	ND	ND	ND
		04/28/2003	42.0	3.86	0.48	ND	1.93	ND	ND	ND	ND	ND
		07/15/2003	44.7	3.75	ND	ND	2.74	2.05	1.80	2.0	ND	ND
		10/22/2003	44.8	3.35	0.39	ND	1.56	1.05	1.5, 1.03[7]	7.7	ND	ND
		01/15/2004	45.3	3.01	0.28	ND	1.04	1.70	1.60	12	ND	ND
	Port 5 (CMT 2-5)	07/25/2002	132	3.38	ND	ND	ND	5.15	4.95	5.7	ND	ND
		10/22/2002	105	2.17	0.13	ND	ND	4.40	4.65	8.1	ND	ND
		01/21/2003	63.7	2.92	ND	ND	0.76	1.50	1.50	ND	ND	ND
		04/28/2003	66.3	1.95	ND	ND	0.74	1.85	1.90	ND	ND	ND
		07/15/2003	59.4	2.20	ND	ND	1.28	1.60	1.45	ND	ND	ND
		10/22/2003	68.7	2.08	ND	ND	1.72	1.05	1.05	ND	ND	ND
		01/15/2004	43.9	1.70	ND	ND	4.80	2.10	2.20	ND	ND	ND
	Port 6 (CMT 2-6)	07/25/2002	208	4.53	ND	ND	4.02	0.50	0.65	ND	ND	ND
		10/23/2002	170	2.30	ND	ND	ND	ND	ND	18.0	ND	ND
		01/21/2003	146	2.33	ND	ND	ND	ND	ND	5.0	ND	ND
		04/28/2003	130	1.80	ND	ND	ND	ND	ND	4.2	ND	ND
		07/15/2003	89.6	2.24	ND	ND	1.43	ND	ND	2.0	ND	ND
		10/23/2003	48.3	2.24	0.13	ND	1.07	0.85	0.85	ND	ND	ND
		01/15/2004	64.9	1.86	ND	ND	3.47	1.40	1.50	ND	ND	ND
	Port 7 (CMT 2-7)	07/25/2002	395	12.2	ND	ND	230	6.55	6.60	ND	ND	ND
		10/23/2002	267	4.78	ND	ND	3.20	2.80	4.60	6.8	ND	ND
		01/21/2003	225	4.45	ND	ND	6.34	2.55	2.55	21.0	ND	ND
		04/28/2003	225	2.97	ND	ND	10.9	4.50	6.35	18.0	ND	ND
		07/16/2003	94.3	2.73	0.10	ND	8.05	2.20	2.10	3.9	ND	ND
		10/23/2003	79.6	2.53	0.11	ND	8.63	ND	ND	2.3	ND	ND
		01/15/2004	90.3	2.29	ND	ND	7.81	2.45	2.60	2.8	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; November 2003 through January 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	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)	10/22/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/21/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/23/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/15/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/15/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2 (CMT 3-2)	10/22/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/22/2003	20.2	7.13	1.13	ND	24.8	ND	ND	ND	ND	ND
		04/23/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/15/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/22/2003	29.6	14.1	1.85	ND	14.6	ND	ND	ND	ND	ND
		01/16/2004	16.5	7.54	1.28	ND	12.7	ND	ND	ND	ND	ND
	Port 3 (CMT 3-3)	10/22/2002	14.2	9.39	0.67	0.11	60.7	ND	ND	ND	ND	ND
		01/22/2003	14.4	10.6	2.07	ND	43.0	ND	ND	ND	ND	ND
		04/23/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/16/2003	14.1	8.14	1.86	ND	11.2	ND	ND	ND	ND	ND
		10/23/2003	17.3	7.94	1.73	ND	14.3	ND	ND	ND	ND	ND
		01/15/2004	27.1	5.43	0.47	ND	11.4	1.05	1.15	ND	ND	ND
	Port 4 (CMT 3-4)	10/22/2002	20.0	11.1	1.08	0.14	56.3	ND	ND	ND	ND	ND
		01/22/2003	21.9	8.93	2.83	ND	10.6	ND	ND	ND	ND	ND
		04/23/2003	282	5.93	1.48	ND	4.37	ND	ND	ND	ND	ND
		07/15/2003	22.0	2.65	0.66	ND	3.23	ND	ND	ND	ND	ND
		10/23/2003	28.4	4.44	1.33	ND	2.21	1.05	0.95	ND	ND	ND
		01/16/2004	30.4	2.27	0.71	ND	1.69	0.95	0.85	ND	ND	ND
	Port 5 (CMT 3-5)	10/23/2002	57.1	8.04	0.21	ND	34.0	ND	ND	ND	ND	ND
		01/23/2003	54.6	2.52	0.36	ND	10.4	ND	ND	ND	ND	ND
		04/23/2003	535	4.58	0.66	ND	11.7	ND	ND	11.0	ND	ND
		07/16/2003	33.5	6.84	1.05	ND	16.3	0.65	0.70	3.1	ND	ND
		10/24/2003	131	7.80	2.11	ND	15.0	1.25	1.20	ND	ND	ND
		01/16/2004	27.4	7.79	2.08	ND	11.4	0.85	0.70	2.7	ND	ND
	Port 6 (CMT 3-6)	10/23/2002	21.6	11.4	0.97	ND	37.8	ND	ND	ND	ND	ND
		01/23/2003	18.1	14.5	9.95	ND	5.82	ND	ND	ND	ND	ND
		04/24/2003	26.8	14.5	9.44	ND	4.01	1.05	0.95, 4.24[7]	ND	ND	ND
		07/17/2003	10.7	15.4	12.3	ND	1.69	ND	ND	ND	ND	ND
		10/24/2003	23.5	14.7	11.3	ND	1.06	ND	ND	ND	ND	ND
		01/16/2004	14.0	13.8	11.3	ND	1.97	ND	ND	ND	ND	ND
	Port 7 (CMT 3-7)	10/23/2002	12.1	11.2	0.57	ND	37.0	ND	ND	ND	ND	ND
		01/23/2003	35.0	11.4	4.96	ND	22.7	ND	ND	ND	ND	ND
		04/23/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/17/2003	13.2	8.77	6.85	ND	4.56	ND	ND	ND	ND	ND
		10/24/2003	16.7	9.90	7.18	ND	2.80	ND	ND	ND	ND	ND
		01/16/2004	16.1	10.1	7.29	ND	3.63	ND	ND	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; November 2003 through January 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	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)	10/25/2002	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/22/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		04/23/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/17/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/27/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		01/21/2004	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Port 2 (CMT 4-2)	10/25/2002	20.7	7.23	1.00	ND	30.6	1.75	1.90	ND	ND	ND
		01/22/2003	13.8	5.29	1.36	ND	12.4	0.65	0.65	ND	ND	ND
		04/23/2003	13.4	6.98	1.15	ND	9.94	0.85	0.95	ND	ND	ND
		07/17/2003	11.7	7.34	0.97	ND	6.74	ND	ND	ND	ND	ND
		10/27/2003	14.4	6.84	1.03	ND	8.62	ND	ND	ND	ND	ND
		01/21/2004	3.3	5.88	0.94	ND	6.05	ND	ND	ND	ND	ND
	Port 3 (CMT 4-3)	10/25/2002	25.6	8.76	0.97	ND	41.5	ND	ND	ND	ND	ND
		01/22/2003	35.3	7.16	1.13	ND	29.9	2.45	2.45	ND	ND	ND
		04/23/2003	51.9	6.61	1.13	ND	14.0	4.80	4.90	ND	ND	ND
		07/17/2003	36.9	8.54	1.77	ND	10.7	3.85	4.10	4.5	ND	ND
		10/27/2003	6.7	9.15	1.94	ND	12.7	2.50	2.55	2.0	ND	ND
		01/21/2004	34.9	7.73	1.27	ND	6.78	3.25	3.30	2.9	ND	ND
	Port 4 (CMT 4-4)	10/25/2002	13.7	7.63	0.56	0.15	37.1	ND	ND	ND	ND	ND
		01/22/2003	21.8	6.92	2.21	ND	30.3	0.95	0.95	ND	ND	ND
		04/24/2003	24.9	8.08	1.54	ND	22.7	ND	ND	ND	ND	ND
		07/18/2003	24.3	5.60	1.23	ND	9.31	ND	ND	ND	ND	ND
		10/27/2003	19.8	5.41	1.26	ND	7.79	ND	ND	ND	ND	ND
		01/21/2004	31.0	4.93	0.81	ND	5.67	0.75	0.60	ND	ND	ND
	Port 5 (CMT 4-5)	10/25/2002	48.1	5.79	0.16	0.10	51.2	ND	ND	ND	ND	ND
		01/22/2003	73.0	5.63	1.57	0.24	28.2	0.90	1.00	ND	ND	ND
		04/24/2003	65.1	3.56	1.17	ND	10.7	4.30	4.50	ND	ND	ND
		07/18/2003	67.6	2.95	0.59	ND	3.49	4.15	5.15	3.4	ND	ND
		10/28/2003	63.7	3.70	0.82	ND	6.70	5.25	5.50	5.7	ND	ND
		01/21/2004	78.8	2.84	ND	ND	0.80	4.35	4.45	6.9	ND	ND
	Port 6 (CMT 4-6)	10/28/2002	52.8	2.86	0.58	ND	16.5	ND	ND	ND	ND	ND
		01/23/2003	25.0	6.31	3.17	ND	9.80	ND	ND	ND	ND	ND
		04/24/2003	29.9	6.50	2.48	ND	9.02	1.10	1.15	ND	ND	ND
		07/18/2003	42.4	4.86	1.36	ND	3.89	2.20	1.95	ND	ND	ND
		10/28/2003	24.8	5.52	1.96	ND	5.22	1.35	1.40	ND	ND	ND
		01/22/2004	45.9	5.07	1.39	ND	2.59	2.60	2.75, 2.34[7]	ND	ND	ND
	Port 7 (CMT 4-7)	10/28/2002	27.3	4.77	0.69	ND	23.7	ND	ND	ND	ND	ND
		01/23/2003	22.2	7.19	2.74	ND	22.7	ND	ND	ND	ND	ND
		04/24/2003	17.8	7.54	1.96	ND	15.8	ND	ND	ND	ND	ND
		07/17/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		10/28/2003	29.5	6.18	1.59	ND	8.29	ND	ND	ND	ND	ND
		01/22/2004	27.2	5.81	0.99	ND	6.88	ND	ND, 0.35[7]	2.3	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 confirmation samples were collected from wells in accordance with Addendum 13 - Groundwater Monitoring Plan.

[6] ND - Not detected

[7] 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.

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

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

[10] 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 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); November 2003 through January 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); November 2003 through January 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

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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]				
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); November 2003 through January 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); November 2003 through January 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]					
20-Sep-01				**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); November 2003 through January 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

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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]				
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); November 2003 through January 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); November 2003 through January 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

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); November 2003 through January 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
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
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

Table 9. Surface water quarterly field parameters[1] (temperature, conductivity, pH, dissolved oxygen, and turbidity); November 2003 through January 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
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

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

Table 10. Results of analyses of detected volatile organic compounds (VOCs)[1] and treated volumes of water from the treatment system; November 2003 through January 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**
January 22, 2004					
Trichloroethylene	ND[4]		ND	ND	
Chloroform	ND	NS[5]	ND	ND	890
Chloromethane	1.5J[6]		1.1J	1.4J	

Total Volume Treated - January 2004	**890**

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.

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

Table 11. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying areas"; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 4.]

			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
			[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]
A	11/15/2001	6	ND[4]	ND	ND	ND	ND	ND	4.3J[5]	ND	ND	ND
A	2/13/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND
A	5/22/2002	-	NC[6]	NC	NC	NC	NC	NC	NC	NC	NC	NC
A	1/29/2004	8	ND	ND	ND	ND	ND	18.9J	ND	8.4J	ND	3.1J
B	11/15/2001	5	ND	ND	ND	ND	ND	ND	3.6J	ND	ND	ND
B	2/13/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B - dup[7]	2/13/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
B	1/29/2004	8	ND	ND	ND	ND	ND	7.3J	ND	4.0J	ND	ND
C	11/15/2001	8	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND
C	2/13/2002	8	NR[8]	NR	NR	NR	NR	NR	NR	NR	NR	NR
C	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
C	1/29/2004	8	ND	ND	ND	ND	ND	9.0J	ND	4.5J	ND	ND
D	11/15/2001	8	ND	ND	ND	ND	ND	ND	ND	3.3J	ND	ND
D-dup	11/15/2001	8	ND	ND	ND	ND	ND	ND	ND	12.4J	ND	ND
D	2/13/2002	8	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND
D	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
D	1/29/2004	8	ND	ND	ND	ND	ND	5.5J	ND	3.2J	ND	ND
E	11/15/2001	4	ND	ND	ND	ND	ND	ND	3.9J	25.5J	ND	ND
E	2/13/2002	7	ND	ND	ND	ND	ND	ND	ND	9.5	ND	ND
E	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
E	1/29/2004	8	ND	ND	ND	ND	ND	16.6J	ND	8.0J	ND	ND
F	11/15/2001	6	ND	ND	ND	ND	ND	ND	10.6J	8.8J	ND	ND
F	2/13/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
F	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
F	1/29/2004	8	ND	ND	ND	ND	ND	6.0J	ND	3.5J	ND	ND
G	11/15/2001	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
G	2/13/2002	7	ND	ND	ND	ND	ND	ND	ND	ND	14.4	ND
G	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
G	1/29/2004	8	ND	ND	ND	ND	ND	5.5J	ND	3.3J	ND	ND
H	11/15/2001	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H	2/13/2002	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H	5/22/2002	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
H	1/29/2004	8	ND	ND	ND	ND	ND	7.1J	ND	4.1J	ND	ND
I	11/16/2001	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	2/14/2002	5	12.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	5/22/2002	5	6.8J	ND	ND	ND	ND	1.9J	4.2J	4.7J	ND	ND
I	9/17/2002	6	ND[9]	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	10/31/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	1/14/2003[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)
I	7/21/2003	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I-dup	7/21/2003	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	1/29/2004	8	ND	ND	ND	ND	ND	5.2J	ND	4.1J	ND	ND
J	11/16/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	2/14/2002	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	5/22/2002	8	ND	ND	ND	ND	ND	ND	7.5J	4.1J	ND	ND
J	9/17/2002	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	10/31/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	1/14/2003[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)
J	7/21/2003	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	1/29/2004	8	ND	ND	ND	ND	ND	5.0J	ND	5.7J	ND	ND

Table 11. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying areas"; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 4.]

			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
			[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]
K	11/16/2001	8	ND	ND	ND	ND	ND	ND	3.1J	ND	ND	ND
K-dup	11/16/2001	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	2/14/2002	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	5/22/2002	12	ND	ND	ND	ND	ND	ND	3.2J	6.0J	ND	ND
K	9/17/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	1/14/2003[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)
K	7/21/2003	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	1/29/2004	8	ND	ND	ND	ND	ND	5.2J	ND	3.4J	ND	ND
L	11/16/2001	10	3.9J	ND	ND	ND	ND	ND	3.1J	ND	ND	ND
L	2/14/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	5/22/2002	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND
L-dup	5/22/2002	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND
L	9/17/2002	8	26.4J	6.3J	ND	ND	ND	ND	ND	ND	ND	ND
L	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	1/14/2003[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)
L	7/21/2003	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	1/29/2004	8	ND	ND	ND	ND	ND	3.3J	ND	3.5J	ND	ND
M	11/16/2001	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND
M	2/14/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	5/22/2002	8	ND	ND	ND	ND	ND	ND	3.3J	3.0J	ND	ND
M	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	10/31/2002	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	1/14/2003[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)
M	7/29/2003[11]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M	1/29/2004	8	ND	ND	ND	ND	ND	6.7J	ND	4.2J	ND	ND
N	11/15/2001	3	50.6J	ND	ND	ND	ND	ND	6.6J	16.4J	ND	ND
N	2/13/2002	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	5/22/2002	10	ND	ND	ND	ND	ND	ND	3.3J	ND	ND	ND
N	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	9/17/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/31/2002	12	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND
N	1/14/2003[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)
N	7/21/2003	2	3.6J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND
N	1/29/2004	8	ND	ND	ND	ND	ND	5.3J	ND	3.2J	ND	ND
O	11/15/2001	3	ND	ND	ND	ND	ND	ND	3.1J	3.3J	ND	ND
O	2/13/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O	5/22/2002	8	ND	ND	ND	ND	ND	ND	4.8J	4.0J	5.7J	ND
O	9/17/2002	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O	10/31/2002	12	ND	ND	35.1	ND	ND	ND	ND	7.1J	ND	ND
O	1/14/2003[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)
O	7/21/2003	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O	1/29/2004	8	750	18.8J	ND	ND	ND	31.2J	ND	15.9J	ND	5.2J
O	3/9/2004[13]	15	104	35.4J	6.3J	ND	ND	ND	ND	5.5J	ND	ND

Table 11. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying areas"; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 4.]

			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
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
			3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
P	11/15/2001	2	ND	ND	ND	ND	ND	ND	ND	ND	7.1J	ND
P	2/13/2002	9	10.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
P	5/22/2002	11	7.0J	ND	ND	ND	ND	ND	6.7J	ND	ND	ND
P	9/17/2002	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P	10/31/2002	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P	1/14/2003[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)
P	7/21/2003	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P	1/29/2004	8	12.2J	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] 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 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.

Table 12. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; November 2003 through January 2004 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 5.]

		Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethane	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Sample Identifier	Sample Date	[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
A	11/15/2001	ND[4]	ND	ND	ND	ND	ND
A	2/13/2002	ND	ND	ND	ND	ND	ND
A	5/22/2002	NC[5]	NC	NC	NC	NC	NC
A	1/29/2004	ND	ND	ND	ND	ND	ND
B	11/15/2001	NC	NC	NC	NC	NC	NC
B	2/13/2002	ND	ND	ND	ND	ND	ND
B-dup[6]	2/13/2002	ND	ND	ND	ND	ND	ND
B	5/22/2002	NC	NC	NC	NC	NC	NC
B	1/29/2004	ND	ND	ND	ND	ND	ND
C	11/15/2001	NC	NC	NC	NC	NC	NC
C	2/13/2002	ND	ND	ND	ND	ND	ND
C	5/22/2002	NC	NC	NC	NC	NC	3
C	1/29/2004	ND	ND	ND	ND	ND	ND
D	11/15/2001	NC	NC	NC	NC	NC	NC
D-dup	11/15/2001	NC	NC	NC	NC	NC	NC
D	2/13/2002	ND	ND	ND	ND	ND	ND
D	5/22/2002	NC	NC	NC	NC	NC	NC
D	1/29/2004	ND	ND	ND	ND	ND	ND
E	11/15/2001	NC	NC	NC	NC	NC	NC
E	2/13/2002	ND	ND	ND	ND	ND	ND
E	5/22/2002	NC	NC	NC	NC	NC	NC
E	1/29/2004	ND	ND	ND	ND	ND	ND
F	11/15/2001	NC	NC	NC	NC	NC	NC
F	2/13/2002	ND	ND	ND	ND	ND	1.1J[7]
F	5/22/2002	NC	NC	NC	NC	NC	NC
F	1/29/2004	ND	ND	ND	ND	ND	ND
G	11/15/2001	NC	NC	NC	NC	NC	NC
G	2/13/2002	ND	ND	ND	ND	ND	ND
G	5/22/2002	NC	NC	NC	NC	NC	NC
G	1/29/2004	ND	ND	ND	ND	ND	ND
H	11/15/2001	ND	ND	ND	ND	ND	ND
H	2/13/2002	ND	ND	ND	ND	ND	ND
H	5/22/2002	NC	NC	NC	NC	NC	NC
H	1/29/2004	1.1J	ND	ND	ND	ND	ND
I	11/16/2001	4.6J	ND	ND	ND	ND	ND
I	2/14/2002	5.0J	ND	ND	ND	ND	ND
I	5/22/2002	2.3J	ND	ND	ND	ND	ND
I	9/17/2002	ND	ND	ND	ND	ND	ND
I	10/31/2002	4.2J	ND	ND	ND	ND	ND
I	1/14/2003	4.3J	ND	ND	ND	ND	ND
I	7/21/2003	7.5J	ND	ND	ND	ND	ND
I-dup	7/21/2003	7.5J	ND	ND	ND	ND	ND
I	1/29/2004	2.4J	ND	ND	ND	ND	ND
J	11/16/2001	2.8J	ND	ND	ND	ND	ND
J	2/14/2002	3.9J	ND	ND	ND	ND	ND
J	5/22/2002	1.9J	ND	ND	ND	ND	ND
J	9/17/2002	ND	ND	ND	ND	ND	ND
J	10/31/2002	3.9J	ND	ND	ND	ND	ND
J	1/14/2003	2.9J	ND	ND	ND	ND	ND
J	7/21/2003	8.3J	ND	ND	ND	ND	ND
J	1/29/2004	ND	ND	ND	1.2J	ND	ND

Table 12. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; November 2003 through January 2004 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 5.]

		Aqueous Lab Results					
Sample Identifier	Sample Date	Trichloroethylene	Cis-1,2-Dichloroethane	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
		[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
K	11/16/2001	4.9J	ND	ND	ND	ND	ND
K-dup	11/16/2001	4.9J	ND	ND	ND	ND	ND
K	2/14/2002	16.4J	ND	ND	ND	ND	ND
K-dup	2/14/2003	16.2J	ND	ND	ND	ND	ND
K	5/22/2002	5.5J	ND	ND	ND	ND	ND
K	9/17/2002	2.2J	ND	ND	ND	ND	1.4J
K	10/31/2002	5.5J	ND	ND	ND	ND	ND
K	1/14/2003	13.9J	ND	ND	ND	ND	ND
K	7/21/2003	20.3	ND	ND	ND	ND	ND
K	1/29/2004	10.7J	ND	ND	1.0J	ND	ND
L	11/16/2001	2.9J	ND	ND	ND	ND	ND
L	2/14/2002	7.9J	ND	ND	ND	ND	ND
L	5/22/2002	2.7J	ND	ND	ND	ND	ND
L-dup	5/22/2002	2.6J	ND	ND	ND	ND	ND
L	9/17/2002	1.4J	ND	ND	ND	ND	ND
L	10/31/2002	3.4J	ND	ND	ND	ND	ND
L	1/14/2003	6.0J	ND	ND	ND	ND	ND
L	7/21/2003	4.3J	ND	ND	ND	ND	ND
L	1/29/2004	4.6J	ND	ND	ND	ND	ND
M	11/16/2001	ND	ND	ND	ND	ND	ND
M	2/14/2002	ND	ND	ND	ND	ND	ND
M	5/22/2002	NC	NC	NC	NC	NC	NC
M	9/17/2002	NC	NC	NC	NC	NC	NC
M	10/31/2002	NC	NC	NC	NC	NC	NC
M	1/14/2003	ND	ND	ND	ND	ND	ND
M	7/29/03 [8]	ND	ND	ND	ND	ND	5.0J
M	1/29/2004	ND	ND	ND	ND	ND	ND
N	11/15/2001	7.0J	ND	ND	ND	ND	ND
N	2/13/2002	16.8J	ND	ND	ND	ND	ND
N	5/22/2002	7.6J	ND	ND	ND	ND	ND
N	9/17/2002	3.7J	ND	ND	ND	ND	ND
N-dup	9/17/2002	3.7J	ND	ND	ND	ND	ND
N	10/31/2002	10.0J	ND	ND	ND	ND	ND
N	1/14/2003	15.2J	ND	ND	ND	ND	ND
N	7/21/2003	28.0	ND	ND	ND	ND	ND
N	1/29/2004	15.2J	ND	ND	3.2J	ND	ND
O	11/15/2001	NC	NC	NC	NC	NC	NC
O	2/13/2002	ND	ND	ND	ND	ND	ND
O	5/22/2002	NC	NC	NC	NC	NC	NC
O	9/17/2002	ND	ND	ND	1.0J	ND	ND
O	10/31/2002	2.5J	15.3J	4.8J	ND	ND	ND
O	1/14/2003	4.8J	14.4J	ND	ND	ND	ND
O	7/21/2003	NS[9]	NS	NS	NS	NS	NS
O	1/29/2004	31.8	6.9J	ND	4.5J	ND	ND

Table 12. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; November 2003 through January 2004 Status Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 5.]

		Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethane	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Sample Identifier	Sample Date	[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
P	11/15/2001	16.8J	ND	ND	ND	ND	ND
P	2/13/2002	41.2	ND	ND	ND	ND	ND
P	5/22/2002	22.4	ND	ND	ND	ND	ND
P	9/17/2002	10.5J	ND	ND	ND	ND	ND
P	10/31/2002	25.1	ND	ND	ND	ND	ND
P	1/14/2003	43.2	ND	ND	ND	ND	ND
P	7/21/2003	42.2	ND	ND	ND	ND	ND
P	1/29/2004	25.0	ND	ND	2.3J	ND	ND
Rinsate	11/15/2001	ND	ND	ND	ND	ND	ND
Blank	11/15/2001	ND	ND	ND	ND	ND	ND
Rinsate	2/13/2002	ND	ND	ND	ND	ND	ND
Blank	2/13/2002	ND	ND	ND	ND	ND	ND
Rinsate	5/22/2002	ND	ND	ND	ND	5.1J	ND
Blank	5/22/2002	ND	ND	ND	ND	ND	ND
Rinsate	9/17/2002	ND	ND	ND	ND	ND	ND
Blank	9/17/2002	ND	ND	ND	ND	ND	ND
Rinsate	10/31/2002	ND	ND	ND	ND	ND	ND
Blank	10/31/2002	ND	ND	ND	ND	ND	ND
Rinsate	1/14/2003	ND	ND	ND	ND	ND	ND
Blank	1/14/2003	ND	ND	ND	ND	ND	ND
Rinsate	7/21/2003	ND	ND	ND	ND	ND	ND
Blank	7/21/2003	ND	ND	ND	ND	ND	ND
Blank (Loc. M)	7/29/2003	ND	ND	ND	ND	ND	ND
Rinsate[10]	1/29/2004	NC	NC	NC	NC	NC	NC
Blank[10]	1/29/2004	NC	NC	NC	NC	NC	NC
Rinsate 2	11/16/2001	ND	ND	ND	ND	ND	ND
Blank	11/16/2001	ND	ND	ND	ND	ND	ND
Rinsate 2	2/14/2002	ND	ND	ND	ND	ND	ND
Blank	2/14/2002	ND	ND	ND	ND	ND	ND

Notes:

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

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

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

[4] ND - Not Detected

[5] NC - Not Collected; 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; November 2003 through January 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]**
Pump Rinse 1	1/5/2004	ND[3]	ND	ND
Blank	1/5/2004	ND	ND	ND
Pump Rinse 1	1/6/2004	ND	ND	ND
Blank	1/6/2004	ND	ND	1.4J[4]
Pump Rinse 1	1/7/2004	ND	ND	1.4J
Blank	1/7/2004	ND	ND	1.7J
Pump Rinse 1	1/8/2004	ND	ND	1.1J
Blank	1/8/2004	ND	ND	ND
Pump Rinse 1	1/9/2004	ND	ND	ND
Blank	1/9/2004	ND	ND	1.3J
Pump Rinse 1	1/12/2004	ND	ND	1.8J
Blank	1/12/2004	ND	ND	1.3J
Pump Rinse 1	1/13/2004	ND	ND	ND
Blank	1/13/2004	ND	ND	1.7J
Pump Rinse 1	1/23/2004	ND	ND	ND
Blank	1/23/2004	ND	ND	1.4J
Pump Rinse Bladder 2	1/5/2004	ND	ND	1.0J
Blank	1/5/2004	ND	ND	1.7J
Pump Rinse Bladder 2	1/6/2004	ND	ND	ND
Blank	1/6/2004	ND	ND	1.3J
Rinse Bladder Pump 2	1/7/2004	ND	ND	1.3J
Blank	1/7/2004	ND	ND	1.8J
Rinse Bladder Pump 2	1/9/2004	ND	ND	ND
Blank	1/9/2004	ND	ND	2.0J
Rinse Bladder Pump 2	1/12/2004	ND	ND	ND
Blank	1/12/2004	ND	ND	ND
Rinse Bladder Pump 2	1/13/2004	ND	ND	ND
Blank	1/13/2004	ND	ND	ND
Rinse Bladder Pump 2	1/14/2004	ND	ND	1.3J
Blank	1/14/2004	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

Table 14. Results of dehalococcoides ethenogenes bacteria results collected from selected wells and analyzed by Microbial Insights Analysis and Sirem Analysis Laboratories; November 2003 through January 2004 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Microbial Insights Laboratory Analysis		
Sample Name	**Date Sampled**	**Abundance (ml)[1]**
MW-109	12/10/2003	ND[2]
MW-131	12/10/2003	ND
MW-231	12/10/2003	ND
Pump Rinse	12/10/2003	ND
Field Blank	12/10/2003	ND
MW-106	12/11/2003	ND
CMT 2-3	12/11/2003	ND
Pump Rinse	12/11/2003	ND
Field Rinse	12/11/2003	ND

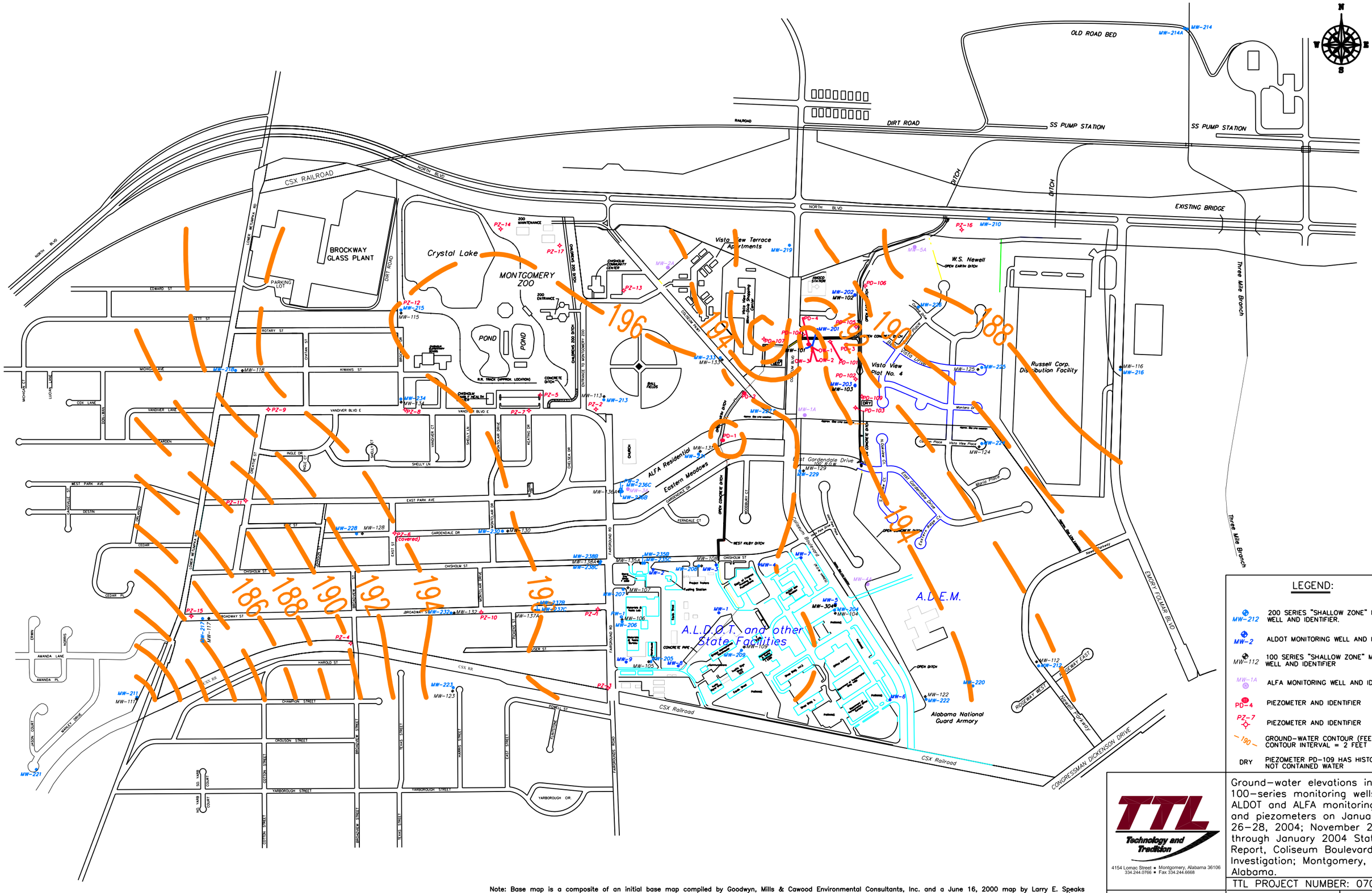
Sirem Laboratory Analysis		
Sample Name	**Date Sampled**	**Abundance (l)[1]**
MW-109	12/16/2003	ND
MW-131	12/16/2003	3.0×10^4
MW-231	12/16/2003	ND
Field Blank (12/10/03)	12/16/2003	ND
MW-106	12/16/2003	ND
CMT 2-3	12/16/2003	ND
Field Blank (12/11/03)	12/16/2003	ND

Notes:

[1] Method detection limit is 16S rRNA gene per sample [milligram per liter (mg/l) or liter (l)].

[2] ND - Not detected

FIGURES



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:

- MW-212 — 200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER.
- MW-2 — ALDOT MONITORING WELL AND IDENTIFIER
- MW-112 — 100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
- MW-1A — ALFA MONITORING WELL AND IDENTIFIER
- PD-4 — PIEZOMETER AND IDENTIFIER
- PZ-7 — PIEZOMETER AND IDENTIFIER
- 190 — GROUND-WATER CONTOUR (FEET AMSL) CONTOUR INTERVAL = 2 FEET
- DRY — PIEZOMETER PD-109 HAS HISTORICALLY NOT CONTAINED WATER

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 January 26-28, 2004; November 2003 through January 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

Drawing No. 040319.1

SCALE: 1" = 800'

Figure 1

LEGEND:

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

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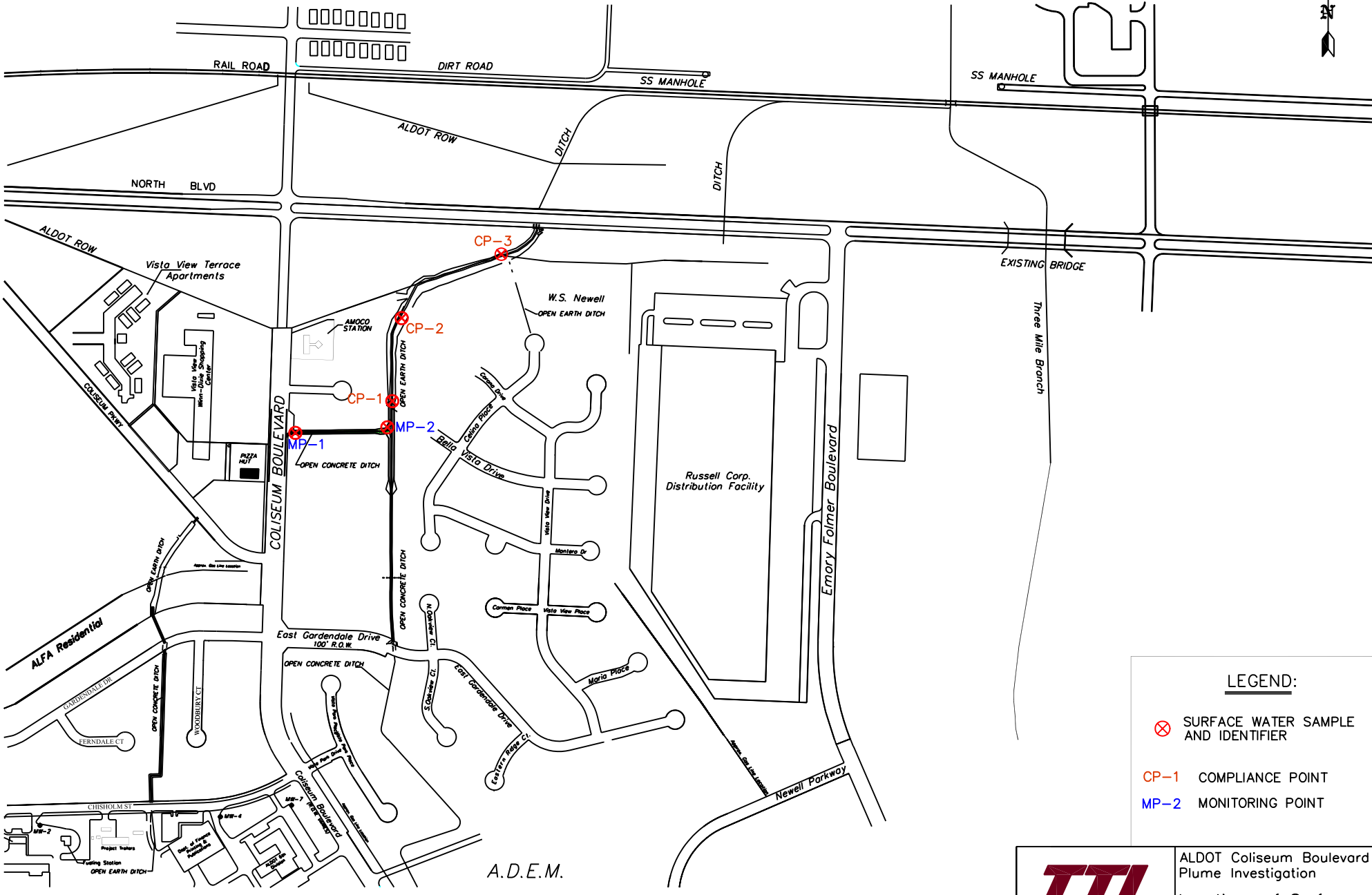
334.244.0766 ▪ Fax 334.244.6668

Ground-water elevations in 200-series monitoring wells on January 26-28, 2004; November 2003 through January 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 040319	TTL PROJECT NUMBER: 0700-024
	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.

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Drawing No. 030115

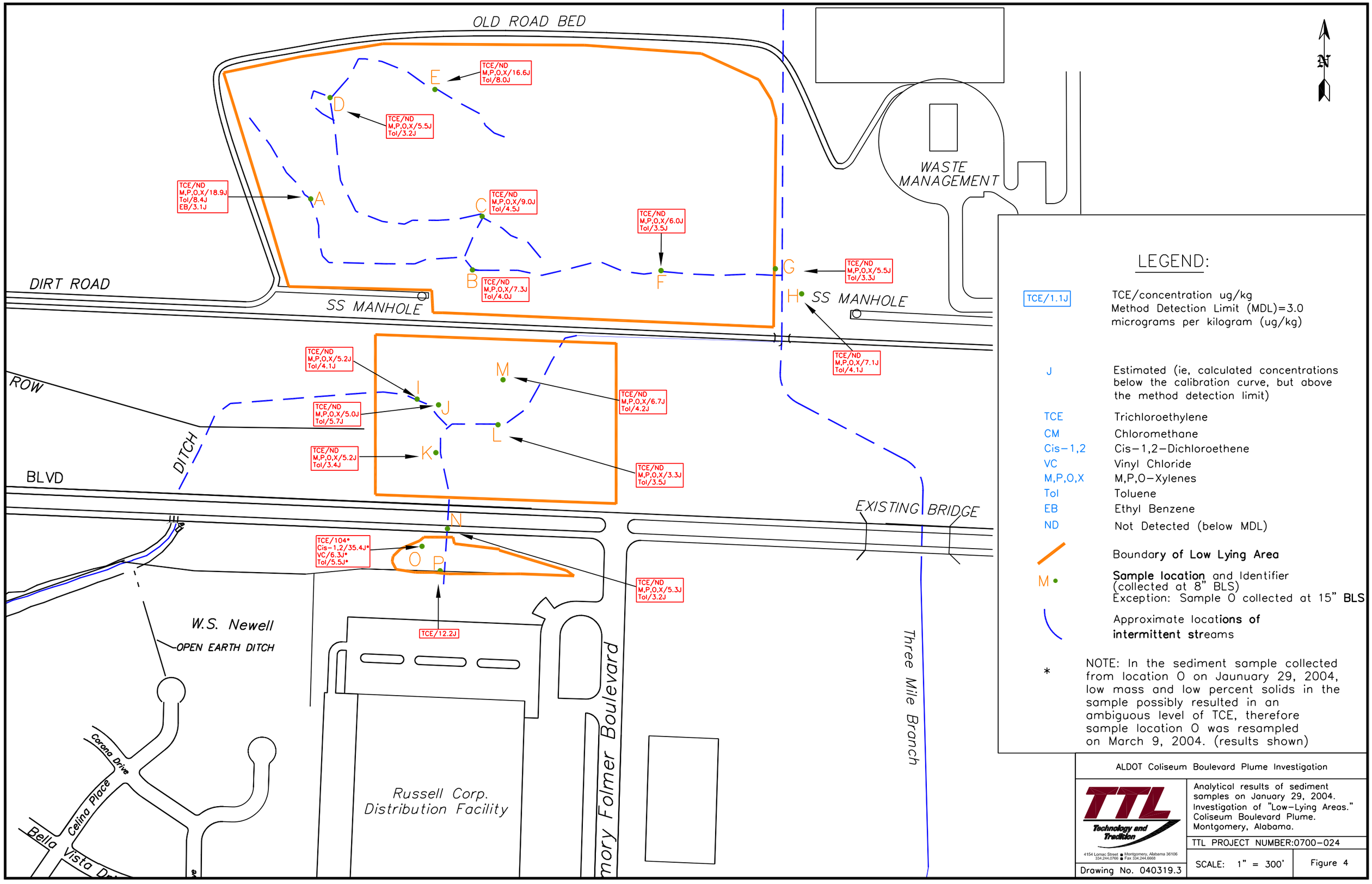
ALDOT Coliseum Boulevard Plume Investigation

Locations of Surface Water Samples

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 700'

Figure 3



LEGEND:

TCE/1.1J	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)
TCE	Trichloroethylene
CM	Chloromethane
Cis-1,2	Cis-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 (collected at 8" BLS) Exception: Sample O collected at 15" BLS
	Approximate locations of intermittent streams
*	NOTE: In the sediment sample collected from location O on Jaunuary 29, 2004, low mass and low percent solids in the sample possibly resulted in an ambiguous level of TCE, therefore sample location O was resampled on March 9, 2004. (results shown)

ALDOT Coliseum Boulevard Plume Investigation

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334.244.0766 ■ Fax 334.244.6668

Analytical results of sediment samples on January 29, 2004. Investigation of "Low-Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 040319.3

SCALE: 1" = 300'

Figure 4

OLD ROAD BED

DIRT ROAD

SS MANHOLE

SS MANHOLE

WASTE MANAGEMENT

EXISTING BRIDGE

Three Mile Branch

Folmer Boulevard

Russell Corp. Distribution Facility

W.S. Newell

OPEN EARTH DITCH

DITCH

OT ROW

LVD

Corona Drive

alina Place

A TCE/ND

B TCE/ND

C TCE/ND

D TCE/ND

E TCE/ND

F TCE/ND

G TCE/ND

H TCE/1.1J

I TCE/2.4J

J TCE/ND CM/1.2J

K TCE/10.7J CM/1.0J

L TCE/4.6J

M TCE/ND

N TCE/15.2J CM/3.2J

O TCE/31.8 CM/4.5J Cis-1,2/6.9J

P TCE/25.0 CM/2.3J

LEGEND:

TCE/1.1J	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
CM	Chloromethane
Cis-1,2	Cis-1,2-Dichloroethene
ND	Not Detected (below MDL)
	Boundary of **Low Lying Area**
M	Sample location and Identifier
	Approximate locations of **inter**mittent streams

ALDOT Coliseum Boulevard Plume Investigation

TTL Technology and Tradition
4154 Lomac Street ■ Montgomery, Alabama 36106
334.244.0786 ■ Fax 334.244.6668

Analytical results of surficial water samples on January 29, 2004. Work plan 04-Investigation of "Low-Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

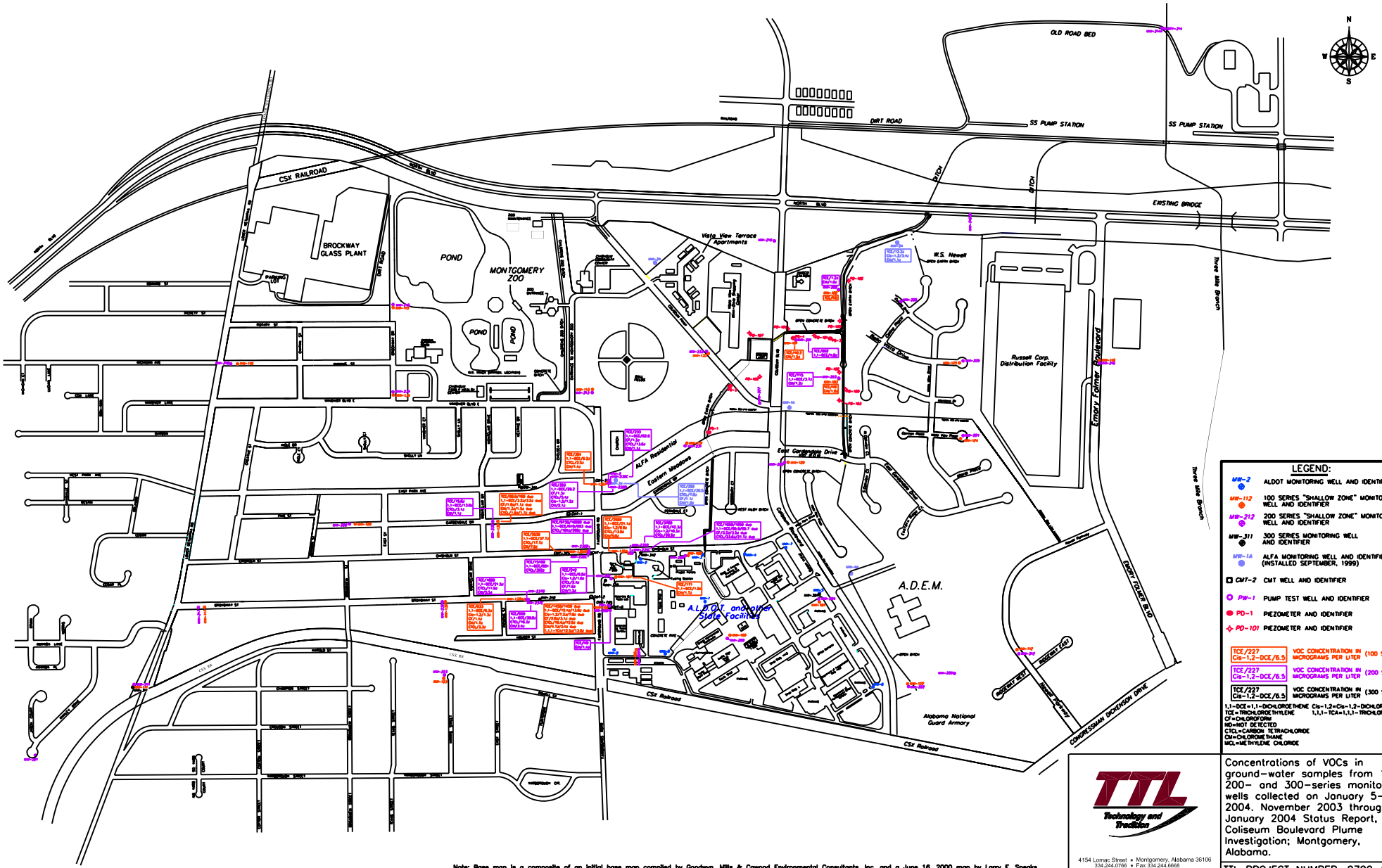
TTL PROJECT NUMBER:0700-024

Drawing No. 040319.2

SCALE: 1" = 300'

Figure 5

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
ND=NOT DETECTED
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.

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334.244.0768 • Fax 334.244.6668

Concentrations of VOCs in ground-water samples from 100-, 200- and 300-series monitoring wells collected on January 5-23, 2004. November 2003 through January 2004 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Drawing No. 040319conc

TTL PROJECT NUMBER: 0700-024

SCALE: 1" = 800' | Plate 1

ATTACHMENTS

ANALTYICAL RESULTS

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-136A
TTL Lab Number: 040106021.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.4	J
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	6.2	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	2.5	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	304	
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 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 (MW-136A,Rinse)
TTL Lab Number: 040106021.003A
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.

TTL WORK ORDER NUMBER
040106021

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: 1/5/04
Sampled By: Brad J. Baker
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: [signature]
3. Initial Contents Temp.: 16.64 °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			
1/5	1:45pm	MW-136A	Aqueous	X		3	HCl	VOC
↓	11:00am	Pump Rinse 1	↓	↓		2	↓	↓
↓	—	Blank/MW-136A	↓	↓		3	↓	↓
↓	1:45pm	MW-136A	↓	↓		1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 1/5/04 3:00pm	1 1-6-04 8:20AM
2 1-6-04 ~~10:10AM~~ 11:10AM	2
3	3

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 010604 11:10

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.

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-236B
TTL Lab Number: 040106024.001A
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	20.2	
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	1.3	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	5.4	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	393	
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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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 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 (MW-236B,Rinse)
TTL Lab Number: 040106024.003A
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
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.

TTL WORK ORDER NUMBER
040106 024

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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: 01·05·04
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: DAW
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			
1·05	1:05	MW 236 B	Liquid	X		3	HCl	VOC
	—	BLANK MW 236 B						
	11:30	Bladder Pump Rinse 2				2		
↓	1:05	MW 236 B	↓	↓		1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed)	Date/Time	Received by: (signed)	Date/Time
1	To Mont Tg. Lab	1·5·03 14:50		1-6-04 8:20AM
2		1-6-04 ~~12:10PM~~		
3			11:10 AM	

SHIPPING DETAILS

Air Bill #: ___
Method of Shipment: FTL
Received By Lab: [signature]
Date/Time 010604 11:10am

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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Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-236C
TTL Lab Number: 040107042.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.1	J
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	62.6	
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	1.2	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	13.6	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	233	
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: January 6, 2004
Date Analyzed: January 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-103
TTL Lab Number: 040107042.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	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
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: January 6, 2004
Date Analyzed: January 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-203
TTL Lab Number: 040107042.003A
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	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	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	715	
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: January 6, 2004
Date Analyzed: January 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-236C,103,203,Rinse)
TTL Lab Number: 040107042.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.4	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
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.

TTL WORK
ORDER NUMBER
040107 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: 1/6/04

Sampled By: Brad J. Baher

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: CHW
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			
1/6	11:30a	MW-236C	Aqueous	X		3	HCl	VOC
	1:40p	MW-103						
	4:30p	MW-203						
	—	Blank/MW-236C, 103, 203						
	10:30a	Pump Rinse 1				2		
	11:30a	MW-236C				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	1:40p	MW-103						
	4:30p	MW-203						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab

1 [signature] 1/6/04 5:30pm

2 [signature] 1-7-04 9:50AM

3 Kenneth Moody 1/7/04 330

Received by (signed) Date/Time

1 [signature] 1-7-04 8:45AM

2 Kenneth Moody 1/7/04 315

3

SHIPPING DETAILS

Air Bill #: 3015539714

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 010704 153

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.

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-102
TTL Lab Number: 040107047.001A
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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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 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-102,Rinse)
TTL Lab Number: 040107047.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	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
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.

TTL WORK
ORDER NUMBER
040107 047

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: 01.06.04
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: Client
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			
01-06	2:10	MW-102	Liquid	X		3	HCl	VOC
↓	↓	Blank MW-102	↓	↓		3	↓	↓
		Bladder Pump Rinse 2				2		
		MW-102				1	HNO_3	T-FE
↓	↓	MW-102	↓	↓		1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg Lab
1 1.6.4 : 17:30
2 1-7-04 9:50 AM
3 1/7/04 330

Received by (signed) Date/Time
1-7-04 8:45AM
1/7/04 315

SHIPPING DETAILS

Air Bill #: 301553971 4
Method of Shipment: BUS
Received By Lab:
Date/Time 01/07/04 1530

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

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-101
TTL Lab Number: 040108006.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.5	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	40.2	
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-201
TTL Lab Number: 040108006.002A
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	4.8	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	862	
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

** 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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 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-101,201,Rinse)
TTL Lab Number: 040108006.004A
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
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.

TTL WORK ORDER NUMBER
040108006

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: 1/7/04
Sampled By: Brad T. Baker
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: CBW
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			
1/7	1135p	MW-101	Aqueous	X		3	HCl	VOC
	2:50p	MW-201						
	—	Blanks						
	1:55p	Pump Blank 1				2		
	1135p	MW-101				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	2:50p	MW-201						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by: (signed)	Date/Time
1	1/7/04 3:55pm		1-7-04 4:10 PM
2	1-7-04 4:55PM		1-8-04 9:20
3	1-8-04 9:30	3	

SHIPPING DETAILS

Air Bill #: 201555 3618
Method of Shipment: BUS
Received By Lab:
Date/Time 010804 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-202
TTL Lab Number: 040108017.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	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	1.2	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
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.

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-3A
TTL Lab Number: 040108017.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.9	J
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	30.5	
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	7.8	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	260	
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 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-202,3A,Rinse)
TTL Lab Number: 040108017.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.8	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
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.

TTL WORK ORDER NUMBER
040108 017

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: 01.07.04

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:
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			
01.07	12:25	MW 202	liquid	x		3	HCl	VOC
	—	Blank MW 202, 3A				3		
	1:00	Bladder Pump Rinse 2				2		
	3:15	MW 3A				3		
	12:25	MW 202				1	Ice	Nitrate, Nitrate Sulfate, Alkalinity Chloride
↓	3:15	MW 3A	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. LAB

1 [signature] 1.7.04 17:00

2 [signature] 1-8-04 10:10

3

Received by (signed) Date/Time

1 [signature] 1-9-04 08:00

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Hand

Received By Lab: [signature]

Date/Time 010804 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 8, 2004
Date Analyzed: January 12, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB,RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-5A
TTL Lab Number: 040109069.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.4	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	3.8	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	13.7	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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 8, 2004
Date Analyzed: January 12, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB,RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-206
TTL Lab Number: 040109069.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.5	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
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 8, 2004
Date Analyzed: January 12, 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,206,Rinse)
TTL Lab Number: 040109069.004A
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.

TTL WORK ORDER NUMBER
040109 069

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kilada Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/8/04

Sampled By: Brad J. Baker, Reggie E. Robinson

Sample Site: Coliseum Blvd Annex

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: FCE
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			
1/8	10:50a	MW-5A	Aqueous	✓		3	HCl	VOC
	4:00p	MW-206						
	—	Blanks/MW-5A, 206				↓	↓	↓
	9:45a	Drum Rinse 1				2	↓	
	10:50	MW-5A				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:20	MW-206					↓	↓
↓	4:20	MW-206	↓	↓		↓	H2SO4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 To motor Lab 1/8/04 5:15pm	1-9-04 8:50AM
2 1-9-04 9:50AM	2 1-9-04 4:50
3 1-9-04 5100	3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: BUS

Received By Lab:

Date/Time 010904 1700

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-5A
TTL Lab Number: 040126029.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.1	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:	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:	12.2	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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-206
TTL Lab Number: 040126029.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.4	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.

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 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-5A,MW-206,Pump Rinse 1)
TTL Lab Number: 040126029.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.4	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.

TTL WORK
ORDER NUMBER
040126029

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: 1/23/04

Sampled By: Brad J. Baker

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: Good
7. Comments: Fee
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			
1/23	12:55p	MW-5A	Aqueous	X		3	HCl	VOC
↓	4:30p	MW-206	↓	↓		↓	↓	↓
		Blank/MW-5A, 206						
	11:40a	Pump Base 1				2		
	12:55	MW-5A				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:30pm	MW-206						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab

1 [signature] 1/23/04 5:20pm
2 [signature] 1-26-04 09:30
3 [signature] 1-26-04 2:55pm

Received by (signed) Date/Time

1 [signature] 1-26-04 09:00
2 [signature] 1-26-04 2:45pm
3

SHIPPING DETAILS

Air Bill #: 3015953105

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 012604 1455

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.

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-207
TTL Lab Number: 040112045.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.5	J
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	6.8	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	J
Chloroform	1.0	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	2.4	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	242	
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.

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-107
TTL Lab Number: 040112045.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.7	J
Vinyl Chioride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	1.0	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	171	
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.

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 13, 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-207,107,Rinse)
TTL Lab Number: 040112045.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	2.0	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
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.

TTL WORK
ORDER NUMBER
040112045

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Diton
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/9/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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			
1/9	1:15pm	MW-207	Aqueous	✓		3	HCl	VOC
↓	3:30p	MW-107	↓	↓		↓	↓	↓
	—	Blank/MW-207, 107						
	11:40a	Pump Rinse 1				2		
	1:15p	MW-207				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	3:30p	MW-107				↓	↓	↓
	1:15p	MW-207					H_2SO_4	TOC
	3:30p	MW-107					↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/9/04 4:45pm
2 [signature] 1-12-04 9:55AM
3 [signature] 1-12-04 3:45

Received by (signed) Date/Time
1 [signature] 1-12-04 9:18AM
2 [signature] 1-12-04 3:35
3

SHIPPING DETAILS

Air Bill #: 3015647790
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 011204 1545

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.

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-106
TTL Lab Number: 040112046.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	4.7	J
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	12.4	J
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	7.2	J
Chloroform:	2.8	J
1,1,1-Trichloroethane:	12.5	J
Carbon Tetrachloride:	10.4	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1450	
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.

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-106 Dup
TTL Lab Number: 040112046.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	3.4	J
Vinyl Chloride:	2.5	ND
Chloroethane:	2.5	ND
Trichlorofluoromethane:	2.5	ND
1,1-Dichloroethene:	13.0	J
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	7.8	J
Chloroform:	3.1	J
1,1,1-Trichloroethane:	13.0	J
Carbon Tetrachloride:	12.9	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1450	
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: January 9, 2004
Date Analyzed: January 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-130
TTL Lab Number: 040112046.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	J
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	3.2	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	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	98.0	
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
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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TTL
Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-130 Dup
TTL Lab Number: 040112046.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.5	J
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	1.1	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.7	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
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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Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 13, 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,130,130 Dup,Rinse)
TTL Lab Number: 040112046.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	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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TTL WORK ORDER NUMBER
040112046

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: 01-09-04

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:
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			
01-09	12:30	MW106	Liquid	X		3	HCl	VOC
	↓	MW106 Dup						
	3:30	MW 130						
	↓	MW 130 Dup						
	—	Blank MW 106, 130						
	10:30	Bladder Pump Rinse 2				2		
	12:30	MW106				1	Ice	Nitrate, Nitrate, Sulfate, Alkalinity, Chloride
	↓	MW 106 Dup						
	3:30	MW 130						
	↓	MW-130 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	To Montg. Lab 1-09-04 16:30	1-12-04 9:18AM
2	1-12-04 9:55AM	MW 1-12-04 3:35
3	MW 1-12-04 3:45	3

SHIPPING DETAILS

Air Bill #: 3015847790

Method of Shipment: BUS

Received By Lab:

Date/Time 01/12/04 1545

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.

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

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-230
TTL Lab Number: 040114019.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.1	J
Vinyl Chloride	1.0	ND
Chloroethane	1.0	ND
Trichlorofluoromethane	1.0	ND
1,1-Dichloroethene	13.0	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	3.1	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	15.6	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.

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: January 12, 2004
Date Analyzed: January 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-235C
TTL Lab Number: 040114019.002A
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	65.6	
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	3.2	J
1,1,1-Trichloroethane	2.5	ND
Carbon Tetrachloride	23.6	J
Benzene	2.5	ND
1,2-Dichloroethane	2.5	ND
Trichloroethylene	1050	
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

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Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-235C Dup
TTL Lab Number: 040114019.003A
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:	65.7	
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:	3.5	J
1,1,1-Trichloroethane:	2.5	ND
Carbon Tetrachloride:	21.7	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1050	
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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TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 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-230,235C,235C Dup, Rinse)
TTL Lab Number: 040114019.005A
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.

TTL WORK ORDER NUMBER
040114019

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01.12.04
Sampled By: Reggie Robinson
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: (KR)
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			
01.12	1:05	MW-230	Liquid	X		3	HCl	VOC
	4:10	MW-235C						
	↓	MW-235C Dup						
	—	Blanks - MW230, 235C & Dup				↓		
	10:00	Bladder Pump Rinse 2				2		
	1:05	MW-230				1	Ice	Nitrate, Nitrite, Alkalinity, Sulfate, Chloride
	4:10	MW-235C						
	↓	MW-235C Dup						
↓	1:05	MW-230	↓	↓			H2SO4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Montg Lab

1 Received by (signed) Date/Time

1 Ingrid E. Johnson 01.12.04 1700 — Mary Kelley 1-13-04 3:20 PM

2 Mary Kelley 1-13-04 4:15 PM — [illegible] 1-14-04 9:20

3 [illegible] 1-14-04 9:30 — 3

SHIPPING DETAILS

Air Bill #: 301568592
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 011404 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-137A
TTL Lab Number: 040114020.001A
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:	6.3	J
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.3	J
Chloroform:	1.4	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	3.3	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	633	
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-237B
TTL Lab Number: 040114020.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	5.5	J
Vinyl Chloride	5.0	ND
Chloroethane	5.0	ND
Trichlorofluoromethane	5.0	ND
1,1-Dichloroethene	21.5	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	11.0	J
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	1680	
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: January 12, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-237C
TTL Lab Number: 040114020.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	3.4	J
Vinyl Chloride:	2.0	ND
Chloroethane:	2.0	ND
Trichlorofluoromethane:	2.0	ND
1,1-Dichloroethene:	38.8	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:	16.3	J
Benzene:	2.0	ND
1,2-Dichloroethane:	2.0	ND
Trichloroethylene:	969	
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

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Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 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-137A,237B,237C,Rinse)
TTL Lab Number: 040114020.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.3	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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TTL WORK ORDER NUMBER
040114020

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/14/04
Sampled By: Brad T. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0709-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [signature]
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			
1/13	12:00p	mw-137A	Aqueous	X		3	HCl	VOC
	4:35p	mw-237B						
	1:20p	mw-237C						
	—	Blank/mw-137A,237B,237C				2		
	10:15a	Pump Rinse						
	12:00p	mw-137A				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:35p	mw-237B						
	1:20p	mw-237C						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO Mont Lab

1 [signature] 1/13/04 5:30pm
2 [signature] 1-13-04 4:15PM
3 [signature] 1-14-04 9:30

Received by (signed) Date/Time

1 [signature] 1-13-04 3:20 PM
2 [signature] 1-14-04 9:20
3

SHIPPING DETAILS

Air Bill #: 501585992
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 011404 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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NOTE: Please read terms and conditions between TTL, Inc. and client on back of form

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-138A
TTL Lab Number: 040114046.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	7.8	J
Vinyl Chloride	5.0	ND
Chloroethane	5.0	ND
Trichlorofluoromethane	5.0	ND
1,1-Dichloroethene	37.7	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	17.7	J
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	2630	
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.

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-238B
TTL Lab Number: 040114046.002A
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:	619	
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:	184	J
Benzene:	20.0	ND
1,2-Dichloroethane:	20.0	ND
Trichloroethylene:	9730	
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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TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-238B Dup
TTL Lab Number: 040114046.003A
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	603	
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	209	J
Benzene	20.0	ND
1,2-Dichloroethane	20.0	ND
Trichloroethylene	10900	
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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TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 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-138A,238B,238B Dup,Rinse)
TTL Lab Number: 040114046.005A
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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TTL WORK ORDER NUMBER
040114 046

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kidada Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/13/04

Sampled By: Brad Baker

Sample Site: Coliseum Blvd Plume

TTL Job No.: 0700-004 **Client P.O. #**

1. Condition of Contents: Good
2. Sealed for Shipping By: Chris
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			
1/13	12:35p	MW-138A	Aqueous	X		3	HCl	VOC
	4:40p	MW-238B						
	↓	MW-238B Duplicate						
	—	Blank/MW-138A, 238B, 238B Duplicate						
	11:30	Pump Rinse 1				2		
	12:35	MW-138A				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:40	MW-238B						
↓	↓	MW-238B Duplicate	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To MW Lab

1 1/13/04 5:30pm

2 1-14-04 9:50AM

3 MW 1-14-04 2:30

Received by (signed) Date/Time

1 1-14-04 9:10AM

2 MW 1-14-04 2:20

3

SHIPPING DETAILS

Air Bill #: 3015699148

Method of Shipment: BUS

Received By Lab:

Date/Time 01/14/04 1430

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.

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-135A
TTL Lab Number: 040114050.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	5.0	J
Vinyl Chloride:	5.0	ND
Chloroethane:	5.0	ND
Trichlorofluoromethane:	5.0	ND
1,1-Dichloroethene:	21.1	J
Methylene Chloride:	5.0	ND
Trans-1,2-Dichloroethene:	5.0	ND
1,1-Dichloroethane:	5.0	ND
Cis-1,2-Dichloroethene:	9.9	J
Chloroform:	5.0	ND
1,1,1-Trichloroethane:	5.0	ND
Carbon Tetrachloride:	13.9	J
Benzene:	5.0	ND
1,2-Dichloroethane:	5.0	ND
Trichloroethylene:	2550	
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.

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-235B
TTL Lab Number: 040114050.002A
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	42.3	J
Methylene Chloride	10.0	ND
Trans-1,2-Dichloroethene	10.0	ND
1,1-Dichloroethane	10.0	ND
Cis-1,2-Dichloroethene	10.3	J
Chloroform	10.0	ND
1,1,1-Trichloroethane	10.0	ND
Carbon Tetrachloride	20.9	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
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 20, 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-135A,235B,Rinse)
TTL Lab Number: 040114050.004A
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
040114050

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: 334 244-0766
Date: 01.13.04
Sampled By: Reggie Robinson
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: Client
3. Initial Contents Temp.: Recd °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			
01.13	12:10	MW-135A	Liquid	X		3	HCl	VOC
	3:15	MW-235B	↓	↓		↓	↓	↓
	—	Blanks MW 135A, MW 235B				↓		
	09:00	Bladder Pump Rinse 2				2	↓	↓
	12:10	MW-135A				1	Ice	Nitrate, Nitrite Sulfate, Alkalinity, Chloride
↓	3:15	MW-235B	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 1.13.04 17:00

2 1-14-04 9:50AM

3 MW 1-14-04 2:30

Received by (signed) Date/Time

1 1-14-04 9:10AM

2 MW 1-14-04 2:20

3

SHIPPING DETAILS

Air Bill #: 3015699148
Method of Shipment: BUS
Received By Lab:
Date/Time 01/14/04 1430

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.

Technology and Tradition

Construction Materials Engineering and Testing
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Geotechnical Engineering
Analytical Services

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MW-238C
TTL Lab Number: 040116012.001A
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	861	
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	302	J
Benzene	25.0	ND
1,2-Dichloroethane	25.0	ND
Trichloroethylene	15100	
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
Ethyl Benzene	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.

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-2
TTL Lab Number: 040116012.002A
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	57.9	J
Methylene Chloride	10.0	ND
Trans-1,2-Dichloroethene	10.0	ND
1,1-Dichloroethane	10.0	ND
Cis-1,2-Dichloroethene	11.9	J
Chloroform	10.0	ND
1,1,1-Trichloroethane	10.0	ND
Carbon Tetrachloride	32.9	J
Benzene	10.0	ND
1,2-Dichloroethane	10.0	ND
Trichloroethylene	4520	
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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Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-3
TTL Lab Number: 040116012.003A
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	122	J
Methylene Chloride	10.0	ND
Trans-1,2-Dichloroethene	10.0	ND
1,1-Dichloroethane	10.0	ND
Cis-1,2-Dichloroethene	185	J
Chloroform	10.0	ND
1,1,1-Trichloroethane	10.0	ND
Carbon Tetrachloride	42.4	J
Benzene	10.0	ND
1,2-Dichloroethane	10.0	ND
Trichloroethylene	5350	
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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TTL
Technology and Tradition

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Date Analyzed: January 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-238C,CMT 2-2,CMT 2-3,Rinse)
TTL Lab Number: 040116012.005A
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

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TTL WORK ORDER NUMBER
040116012

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT-CBP
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-14-04
Sampled By: Reggie Robinson
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: 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	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
01.14	12:55	MW-238C	liquid	X		3	HCl	VOC
	5:07	CMT 2-2						
	4:48	CMT 2-3						
	—	Blanks for MW-238C CMT-2-2 CMT-2-3						
	09:30	Bladder Pump Rinse 2				2		
	12:55	MW-238C				1	Ice	Nitrate Nitrite, Sulfate, Alkalinity, Chloride
	5:07	CMT-2-2						
	4:48	CMT-2-3						
↓	4:48	CMT-2-3				1	HNO_3	1-FE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 To Mont. Lab 1-14-04 18:05
2 1-15-04 18:30
3 1-16-04 9:30

Received by (signed) Date/Time

1 1-15-04 17:30
2 1-16-04 9:20
3

SHIPPING DETAILS

Air Bill #: 301574075?
Method of Shipment: BUS
Received By Lab:
Date/Time 01/16/04 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-6
TTL Lab Number: 040116011.001A
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	17.7	J
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	225	
Chloroform	1.0	ND
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	2.9	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	407	
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.

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-7
TTL Lab Number: 040116011.002A
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	16.2	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	7.3	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
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-3
TTL Lab Number: 040116011.003A
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	3.5	J
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.0	ND
Cis-1,2-Dichloroethene	5.8	J
Chloroform	1.8	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.1	J
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	266	
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.

TTL
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Geotechnical Engineering ■
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Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 20, 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 2-6,CMT 2-7,CMT 3-3)
TTL Lab Number: 040116011.004A
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.

TTL WORK ORDER NUMBER
040116011

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Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/15/04
Sampled By: Brad S. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RCL
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: 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			
1/15	12:05pm	CMT 2-6	Aqueous	✓		3	HCl	VOC
	2:05pm	CMT 2-7						
	4:00pm	CMT 3-3						
	—	Blank/CMT 2-6, 2-7, 3-3						
	12:05	CMT 2-6				1	none	Alkalinity, Chloride, Sulfate, Nitrate/Nitrite
	2:05	CMT 2-7						
↓	4:00	CMT 3-3	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. 1/15/04 5:20pm
2. 1-15-04 18:30
3. W 1-16-04 9:30

Received by (signed) Date/Time
1. 1-15-04 17:30
2. W 1-16-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 301574075D
Method of Shipment: UPS
Received By Lab:
Date/Time 1-16-04 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-4
TTL Lab Number: 040116009.001A
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:	83.9	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	20.8	J
Chloroform:	10.0	ND
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	19.7	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	4350	
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.

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-5
TTL Lab Number: 040116009.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	6.7	J
Vinyl Chloride:	5.0	ND
Chloroethane:	5.0	ND
Trichlorofluoromethane:	5.0	ND
1,1-Dichloroethene:	61.4	J
Methylene Chloride:	5.0	ND
Trans-1,2-Dichloroethene:	5.0	ND
1,1-Dichloroethane:	5.0	ND
Cis-1,2-Dichloroethene:	69.7	J
Chloroform:	5.0	ND
1,1,1-Trichloroethane:	5.0	ND
Carbon Tetrachloride:	19.1	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
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

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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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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 20, 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 2-4,CMT 2-5)
TTL Lab Number: 040116009.003A
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
040116009

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-15-04
Sampled By: Reggie Robinson
Sample Site: Colsoum Blvd 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 Ice
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			
01-15	12:45	CMT 2-4	Liquid	X		3	HCl	VOC
	1:04	CMT 2-5				↓	↓	↓
	—	BLANK CMT 2-4 2-5						
	12:45	CMT 2-4				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
↓	1:04	CMT 2-5	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab

1. 1-15-04 17:00
2. 1-15-04 18:30
3. 1-16-04 9:30

Received by (signed) Date/Time

1. 1-15-04 17:30
2. 1-16-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 301574075D
Method of Shipment: Bus
Received By Lab:
Date/Time 011604 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 16, 2004
Date Analyzed: January 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-2
TTL Lab Number: 040120018.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	J
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	3.1	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	1.0	ND
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	141	
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: January 16, 2004
Date Analyzed: January 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-6
TTL Lab Number: 040120018.002A
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	198	
Methylene Chloride	1.0	ND
Trans-1,2-Dichloroethene	1.0	ND
1,1-Dichloroethane	1.5	J
Cis-1,2-Dichloroethene	1.0	ND
Chloroform	3.5	J
1,1,1-Trichloroethane	1.0	ND
Carbon Tetrachloride	40.4	
Benzene	1.0	ND
1,2-Dichloroethane	1.0	ND
Trichloroethylene	388	
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 16, 2004
Date Analyzed: January 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-7
TTL Lab Number: 040120018.003A
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:	29.4	
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:	6.4	J
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	20.4	
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: January 16, 2004
Date Analyzed: January 22, 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,CMT 3-6,CMT 3-7)
TTL Lab Number: 040120018.004A
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.

TTL WORK
ORDER NUMBER
040120018

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/16/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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.: 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: Fee
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			
1/16	2:05p	CMT 3-2	Aqueous	X		3	HCl	VOC
	12:35p	CMT 3-6						
	4:00p	CMT 3-7						
		Blank/CMT 3-2, 3-6, 3-7						
	2:05	CMT 3-2				1		Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	12:35	CMT 3-6						
	4:00	CMT 3-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/16/04 5:00pm
2 [signature] 1/20/04 12:30
3

Received by (signed) Date/Time
1 [signature] 1/20/04 10:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: [signature]
Date/Time 1/20/04 1030

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.

Client: Alabama Department of Transportation
Sample Date: January 16, 2004
Date Analyzed: January 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-4
TTL Lab Number: 040120017.001A
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	22.3	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	8.5	J
Benzene	2.0	ND
1,2-Dichloroethane	2.0	ND
Trichloroethylene	757	
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

** 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.

Client: Alabama Department of Transportation
Sample Date: January 16, 2004
Date Analyzed: January 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 3-5
TTL Lab Number: 040120017.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	13.1	J
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	310	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	29.4	J
Chloroform:	20.9	J
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	72.4	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	5290	
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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Client: Alabama Department of Transportation
Sample Date: January 16, 2004
Date Analyzed: January 22, 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,CMT 3-5)
TTL Lab Number: 040120017.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.1	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:	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.

TTL WORK ORDER NUMBER
040120017

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01.16.04
Sampled By: Reggie Robinson
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:
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			
01.16	12:04	CMT 3-4	Liquid	X		3	HCl	VOC
	2:48	CMT 3-5						
	—	Blanks CMT 3-4, 3-5						
	12:04	CMT 3-4				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	2:48	CMT 3-5						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 1.16.04 17:00
2 1-20-04 12:40
3

Received by (signed) Date/Time
1 1/20/04 10:00A
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab:
Date/Time 01/20/04 1040

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

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: January 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-1
TTL Lab Number: 040120019.001A
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:	197	
Methylene Chloride:	5.0	ND
Trans-1,2-Dichloroethene:	5.0	ND
1,1-Dichloroethane:	5.0	ND
Cis-1,2-Dichloroethene:	1330	
Chloroform:	19.5	J
1,1,1-Trichloroethane:	5.0	ND
Carbon Tetrachloride:	23.1	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
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.

TTL
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-2
TTL Lab Number: 040120019.002A
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:	35.7	J
1,1-Dichloroethene:	2.5	ND
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	194	
Chloroform:	6.4	J
1,1,1-Trichloroethane:	2.5	ND
Carbon Tetrachloride:	3.0	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	975	
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.

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: January 22, 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,CMT 1-2)
TTL Lab Number: 040120019.003A
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.

TTL WORK ORDER NUMBER
040120019

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 1.19.04
Sampled By: Reggie Robinson
Sample Site: Coliseum Blvd Plume Investigation
TTL Job No.: 0200-024 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			
1.19	4:12	CMT 1-1	Liquid	X		3	HCl	VOC
↓	4:34	CMT 1-2	↓	↓		↓	↓	↓
	—	Blanks For CMT 1-1, 1-2						
	4:12	CMT 1-1				1	Ice	Nitrate, Nitrate, Sulfate, Alkalinity, Chloride
↓	4:34	CMT 1-2	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Montg. Lab

1. 1.19.04 17:30
2. 1-20-04 12:40
3.

Received by (signed) Date/Time

1. 1/20/04 10:00
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 01/20/04 1240

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.

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: January 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-3
TTL Lab Number: 040120016.001A
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	41.7	J
Methylene Chloride	5.0	ND
Trans-1,2-Dichloroethene	5.0	ND
1,1-Dichloroethane	5.0	ND
Cis-1,2-Dichloroethene	161	
Chloroform	5.0	J
1,1,1-Trichloroethane	5.0	ND
Carbon Tetrachloride	13.7	J
Benzene	5.0	ND
1,2-Dichloroethane	5.0	ND
Trichloroethylene	2331	
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.

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: January 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-4
TTL Lab Number: 040120016.002A
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:	41.7	
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:	1.8	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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TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: January 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 (CMT 1-3,CMT 1-4)
TTL Lab Number: 040120016.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.6	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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TTL WORK
ORDER NUMBER
040120016

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/19/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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.: 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: Fee
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			
1/19	2:20p	~~[illegible]~~ BJB CMT 1-3	Aqueous	+		3	HCl	VOC
↓	1:45p	CMT 1-4	↓	↓		↓	↓	↓
	—	Blank/CMT 1-3, 1-4						
	2:20p	CMT 1-3				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
↓	1:45p	CMT 1-4	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/19/04 5:11pm
2 [signature] 1/20/04 12:31
3

Received by (signed) Date/Time
1 [signature] 1/20/04 10:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 012004 1230

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

Client: Alabama Department of Transportation
Sample Date: January 20, 2004
Date Analyzed: January 23, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-5
TTL Lab Number: 040121021.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.1	J
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:	17.1	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:	113	
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.

Client: Alabama Department of Transportation
Sample Date: January 20, 2004
Date Analyzed: January 24, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-6
TTL Lab Number: 040121021.002A
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:	435	
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	945	
Chloroform:	30.3	J
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	10.0	ND
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	5590	
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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* 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: January 20, 2004
Date Analyzed: January 22, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 1-7
TTL Lab Number: 040121021.003A
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:	779	
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:	222	J
Benzene:	20.0	ND
1,2-Dichloroethane:	20.0	ND
Trichloroethylene:	9040	
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: January 20, 2004
Date Analyzed: January 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 (CMT 1-5,CMT 1-6,CMT 1-7)
TTL Lab Number: 040121021.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.9	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.

TTL WORK
ORDER NUMBER
040121 021

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/20/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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.: 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			
1/20	1:45p	CMT 1-5	Aqueous	✓		3	HCl	VOC
↓	3:55p	CMT 1-6	↓	↓		↓	↓	↓
	3:00p	CMT 1-7						
	—	Blank/CMT 1-5, 1-6, 1-7						
	1:45p	CMT 1-5				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	3:55p	CMT 1-6						
	3:00p	CMT 1-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Mon Lab
1 [signature] 1/20/04 5:00pm
2 K. [signature] 1/21/04 10:22am
3

Received by (signed) Date/Time
1 K. [signature] 1/21/04 8:15am
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 1/21/04 1022

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: January 21, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 2-1
TTL Lab Number: 040122015.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.2	J
Vinyl Chloride:	2.0	ND
Chloroethane:	2.0	ND
Trichlorofluoromethane:	2.0	ND
1,1-Dichloroethene:	13.1	J
Methylene Chloride:	2.0	ND
Trans-1,2-Dichloroethene:	2.0	ND
1,1-Dichloroethane:	2.0	ND
Cis-1,2-Dichloroethene:	30.7	J
Chloroform:	3.1	J
1,1,1-Trichloroethane:	2.0	ND
Carbon Tetrachloride:	2.0	ND
Benzene:	2.0	ND
1,2-Dichloroethane:	2.0	ND
Trichloroethylene:	956	
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.

Client: Alabama Department of Transportation
Sample Date: January 21, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-4
TTL Lab Number: 040122015.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	11.3	J
Vinyl Chloride:	10.0	ND
Chloroethane:	10.0	ND
Trichlorofluoromethane:	10.0	ND
1,1-Dichloroethene:	236	
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	494	
Chloroform:	12.4	J
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	53.9	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	7530	
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.
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Client: Alabama Department of Transportation
Sample Date: January 21, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-5
TTL Lab Number: 040122015.003A
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:	207	
Methylene Chloride:	2.5	ND
Trans-1,2-Dichloroethene:	2.5	ND
1,1-Dichloroethane:	2.5	ND
Cis-1,2-Dichloroethene:	903	
Chloroform:	6.8	J
1,1,1-Trichloroethane:	2.5	ND
Carbon Tetrachloride:	14.9	J
Benzene:	2.5	ND
1,2-Dichloroethane:	2.5	ND
Trichloroethylene:	1170	
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.

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

Client: Alabama Department of Transportation
Sample Date: January 21, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank (CMT 2-1,CMT 4-4,CMT 4-5)
TTL Lab Number: 040122015.004A
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.

TTL WORK ORDER NUMBER
040122015

TTL Technology and Tradition

Sheet ____ of ____

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kiclada Dixon
Mailing Address: 4154 LOMAC St
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01-21-04
Sampled By: Reggie Robinson
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: CAW
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: JDL
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			
1-21	11:57	CMT 2-1	Liquid	X		3	HCl	VOC
	3:11	CMT 4-4						
	2:58	CMT 4-5						
	—	Blanks for CMT 2-1, 4-4, 4-5						
	11:57	CMT 2-1				1	Ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
	3:11	CMT 4-4						
	2:58	CMT 4-5						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg Lab
1 [signature] 1-21-04 17:30
2 [signature] 1-22-04 12:00PM
3 ____

Received by (signed) Date/Time
1 [signature] 1-22-04 9:10AM
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 1/22/04 900

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.

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 21, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-2
TTL Lab Number: 040122018.001A
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:	2.5	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	J
Chloroform:	1.7	J
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	195	
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: January 21, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-3
TTL Lab Number: 040122018.002A
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:	78.9	J
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	153	J
Chloroform:	10.0	ND
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	27.7	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	3630	
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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* 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: January 21, 2004
Date Analyzed: January 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 (CMT 4-2,CMT 4-3)
TTL Lab Number: 040122018.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.0	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	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 WORK ORDER NUMBER
040122018

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/21/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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			
1/21	3:45p	CMT 4-2	Aqueous	✓		3	HCl	VOC
	4:30p	CMT 4-3	↓	↓		↓	↓	↓
	—	Blank/CMT 4-2, 4-3						
	3:45p	CMT 4-2				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
↓	4:30p	CMT 4-3	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To MONT Lab — Received by (signed) Date/Time

1. [signature] 1/21/04 5:00pm — [signature] 1-22-04 9:10AM
2. [signature] 1-22-04 12:00PM — ___
3. ___ — 3. ___

SHIPPING DETAILS

Air Bill #: ___
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 01/22/04 1000

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.

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Client: Alabama Department of Transportation
Sample Date: January 22, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-6
TTL Lab Number: 040126031.001A
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:	398	
Methylene Chloride:	10.0	ND
Trans-1,2-Dichloroethene:	10.0	ND
1,1-Dichloroethane:	10.0	ND
Cis-1,2-Dichloroethene:	244	
Chloroform:	13.5	J
1,1,1-Trichloroethane:	10.0	ND
Carbon Tetrachloride:	90.6	J
Benzene:	10.0	ND
1,2-Dichloroethane:	10.0	ND
Trichloroethylene:	6920	
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.

Client: Alabama Department of Transportation
Sample Date: January 22, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CMT 4-7
TTL Lab Number: 040126031.002A
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:	281	J
Methylene Chloride:	20.0	ND
Trans-1,2-Dichloroethene:	20.0	ND
1,1-Dichloroethane:	20.0	ND
Cis-1,2-Dichloroethene:	394	J
Chloroform:	20.0	ND
1,1,1-Trichloroethane:	20.0	ND
Carbon Tetrachloride:	70.4	J
Benzene:	20.0	ND
1,2-Dichloroethane:	20.0	ND
Trichloroethylene:	8570	
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.

Client: Alabama Department of Transportation
Sample Date: January 22, 2004
Date Analyzed: February 2, 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 4-6,CMT 4-7)
TTL Lab Number: 040126031.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.4	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.

TTL WORK ORDER NUMBER
040126 031

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kiclada Dixon
Mailing Address: 4154 LOMAC St
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01-22-04
Sampled By: Reggie Robinson
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: 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			
01-22	12:12	CMT 4-6	Liquid	X		3	HCl	VOC
	1:33	CMT 4-7	↓	↓		↓	↓	↓
	—	Blanks for CMT 4-6, 4-7				↓	↓	
	12:12	CMT 4-6				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	1:33	CMT 4-7				↓	↓	↓
	12:12	CMT 4-6				1	HNO_3	T-Fe
↓	1:33	CMT 4-7	↓	↓		↓	↓	↓
1-22	16:30	TW 01-22-04-1	Liquid	X		4	HCl	VOC
	16:32	TW 01-22-04-3	↓	↓		↓	↓	↓
↓	—	Blanks for TW 01-22-04-1, 3	↓	↓		3	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time To Montg. Lab	Received by (signed) Date/Time
1	1-22-04 17:30	1-26-04 09:00
2	1-26-04 09:30	1-26-04 2:45pm
3	1-26-04 2:55pm	

SHIPPING DETAILS

Air Bill #: 3015953105
Method of Shipment: BUS
Received By Lab:
Date/Time 012604 1455

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:	January 5, 2004
Sample Type:	Aqueous
Sampled By:	TTL Personnel (BB)
Sample Site:	Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number:	040106021-001
TTL Job Number:	0700-024

Sample Id:	**MW-136A**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	<1.0	01-11-04 1:40PM	RLS
Chloride, mg/L as Cl	6.6	01-06-04 6:41PM	RWF
Nitrate, mg NO_3-N/L	1.68	01-06-04 6:41PM	RWF
Nitrite, mg NO_2-N/L	<0.10	01-06-04 6:41PM	RWF
Sulfate, mg/L as SO_4	<0.50	01-06-04 6:41PM	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 205.345.0992

TTL WORK ORDER NUMBER
040106 021

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: 1/5/04

Sampled By: Brad J. Baker

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: [signature]
3. Initial Contents Temp.: 11.64 °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			
1/5	1:45pm	mw-136A	Aqueous	X		3	HCl	VOC
↓	11:00am	Pump Rinse 1	↓	↓		2	↓	↓
	—	Blank/mw-136A				3		
↓	1:45pm	mw-136A				1	none	Alkalinity, Chloride, Silica, Nitrate, Nitrite

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/5/04 3:00pm

2 [signature] 1-6-04 ~~10:10AM~~ 11:10AM

3 ____

Received by (signed) Date/Time

1 [signature] 1-6-04 8:20AM

2 ____

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: TTL

Received By Lab: [signature]

Date/Time 010604 11:10am

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

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040106024.001
TTL Job Number: 0700-024

Sample Id:	**MW-236B**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	6.5	01-11-04 1:40PM	RLS
Chloride, mg/L as Cl	5.08	01-06-04 3:57PM	RWF
Nitrate, mg NO_3-N/L	2.25	01-06-04 3:57PM	RWF
Nitrite, mg NO_2-N/L	<0.10	01-06-04 3:57PM	RWF
Sulfate, mg/L as SO_4	0.85	01-06-04 3:57PM	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 205.345.0992

TTL WORK
ORDER NUMBER
040106024

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: 01·05·04 -
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: OAW
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			
1·05	1:05	MW 236 B	Liquid	X		3	HCl	VOC
↓	—	Blank MW 236 B	↓	↓		↓	↓	↓
	11:30	Bladder Pump Rinse 2				2		
↓	1:05	MW 236 B	↓	↓		1	Ice	Nitrate, Nitrite, Sulfate, Alkality, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 [signature] 1.5.03 14:50
2 [signature] 1-6-04 ~~12:10 AM~~ KAR
3 11:10 AM

Received by (signed) Date/Time
1 [signature] 1-6-04 8:00AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 010604 11:10Am

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.

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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040107042.001-003
TTL Job Number: 0700-024

Sample Id:	MW-236C	MW-103	MW-203	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	2.4	10.2	<1.0	01-11-04 1:40PM	RLS
Chloride, mg/L as Cl	3.33	1.38	7.19	01-07-04 6:02PM	RWF
Nitrate, mg NO_3-N/L	2.82	3.89	2.86	01-07-04 6:02PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-07-04 6:02PM	RWF
Sulfate, mg/L as SO_4	0.60	11.1	<0.50	01-07-04 6:02PM	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 205.345.0992

TTL WORK
ORDER NUMBER
040107 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: 1/6/04

Sampled By: Brad J. Baher

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: CHW
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			
1/6	11:30a	MW-236C	Aqueous	X		3	HCl	VOC
	1:40p	MW-103						
	4:30p	MW-203						
	—	Blank/MW-236C, 103, 203						
	10:20a	Pump Rinse 1				2		
	11:30a	MW-236C				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	1:40p	MW-103						
	4:30p	MW-203						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab

1 [signature] 1/6/04 5:30pm

2 [signature] 1-7-04 9:50AM

3 Kenneth Moody 1/7/04 330

Received by (signed) Date/Time

1 [signature] 1-7-04 8:45AM

2 Kenneth Moody 1/7/04 315

3

SHIPPING DETAILS

Air Bill #: 3015539714

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 010704 1530

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: January 06, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040107047.001
TTL Job Number: 0700-024

Sample Id:	MW-102	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	339	02/05/04 12:00AM	RLS
Chloride, mg/L as Cl	3.76	01/07/04 6:18PM	RWF
Nitrate, mg NO_3-N/L	<0.10	01/07/04 6:18PM	RWF
Nitrite, mg NO_2-N/L	<0.10	01/07/04 6:18PM	RWF
Sulfate, mg/L as SO_4	1.46	01/07/04 6:18PM	RWF
Total Iron, mg/L as Fe	24.4	01/21/04 9:50AM	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 205.345.0992

TTL WORK ORDER NUMBER
040107 047

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: 01.06.04
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: Client
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: FCL
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			
01.06	2:10	MW-102	Liquid	X		3	HCl	VOC
↓	↓	Blank MW-102	↓	↓		3	↓	↓
		Bladder Pump Rinse 2				2	↓	↓
		MW-102				1	HNO_3	T-FE
↓	↓	MW-102	↓	↓		1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Hourly Lab

1. 1.6.4 17:30
2. 1-7-04 9:50 AM
3. 1/7/04 3330

Received by (signed) Date/Time

1. 1-7-04 8:45AM
2. 1/7/04 315

SHIPPING DETAILS

Air Bill #: 301553974
Method of Shipment: BUS
Received By Lab:
Date/Time 01/07/04 1530

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.

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040108006.001-002
TTL Job Number: 0700-024

Sample Id:	**MW-101**	**MW-201**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	<1.0	3.2	01-11-04 1:40PM	RLS
Chloride, mg/L as Cl	4.65	7.00	01-08-04 3:55PM	RWF
Nitrate, mg NO_3-N/L	1.45	2.51	01-08-04 3:55PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-08-04 3:55PM	RWF
Sulfate, mg/L as SO_4	5.66	<0.50	01-08-04 3:55PM	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 205.345.0992

TTL WORK ORDER NUMBER
040108 006

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: 1/7/04

Sampled By: Brad T. Baker

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: CW
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			
1/7	1135p	MW-101	Aqueous	X		3	HCl	VOC
↓	2:50p	MW-201	↓	↓		↓	↓	↓
	—	Blanks						
	1:55p	Pump Rinse 1				2		
	1135p	MW-101				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
↓	215p	MW-201	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	1/7/04 3:55pm		1-7-04 4:10 PM
2	1-7-04 4:55PM	2	1-8-04 9:20
3	1-8-04 9:30	3	

SHIPPING DETAILS

Air Bill #: 201555 3618

Method of Shipment: BAS

Received By Lab:

Date/Time 01080 4 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, 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: January 7, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040108017.001-002
TTL Job Number: 0700-024

Sample Id:	MW-202	MW-3A	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	6.8	3.5	01-11-04 1:40PM	RLS
Chloride, mg/L as Cl	6.05	4.23	01-08-04 6:28PM	RWF
Nitrate, mg NO_3-N/L	<0.10	2.29	01-08-04 6:28PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-08-04 6:28PM	RWF
Sulfate, mg/L as SO_4	0.74	0.86	01-08-04 6:28PM	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 205.345.0992

TTL WORK ORDER NUMBER
040108017

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: 01.07.04

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:
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			
01.07	12:25	MW 202	Liquid	x		3	HCl	VOC
↓	—	Blank MW 202, 3A	↓	↓		3		
	1:00	Bladder Pump Rinse 2				2		
	3:15	MW 3A				3		
	12:25	MW 202				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
↓	3:15	MW 3A	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. LAB

1. [signature] 1.7.04 17:00
2. [signature] 1-8-04 1021D
3.

Received by (signed) Date/Time

1. [signature] 1-9-04 08:00
2.
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab: [signature]

Date/Time 010804 10:00

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 08, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB/RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040109069.001-002
TTL Job Number: 0700-024

Sample Id:	MW-5A	MW-206	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	18.5	20.2	01/11/04 1:40PM	RLS
Chloride, mg/L as Cl	2.58	3.51	01/13/04 5:11PM	RWF
Nitrate, mg NO_3-N/L	<0.10	1.92	01/13/04 5:11PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01/13/04 5:11PM	RWF
Sulfate, mg/L as SO_4	0.85	0.96	01/13/04 5:11PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L		<0.5	01/20/04 9:45AM	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

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TTL WORK ORDER NUMBER
040109 069

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kelda Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/8/04

Sampled By: Brad J. Baker, Reggie E. Robinson

Sample Site: Coliseum Blvd Annex

TTL Job No.: 0709-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: Brad
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: Fed Ex
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			
1/8	10:50a	MW-54	Aqueous	X		3	HCl	VOC
	4:20p	MW-206				↓	↓	↓
	—	Blanks/MW-54, 206				↓	↓	↓
	9:45a	Drip Blank 1				2	↓	↓
	10:50	MW-54				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrate
	4:20	MW-206				↓	↓	↓
↓	4:20	MW-206	↓	↓		↓	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To motor Lab

1. 1/8/04 5:15pm
2. 1-9-04 9:50 AM
3. 1-9-04 5:00

Received by: (signed) Date/Time

1. 1-9-04 8:50AM
2. 1-9-04 9:50
3.

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Bus

Received By Lab:

Date/Time 010904 0700

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.

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Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040126029.001-002
TTL Job Number: 0700-024

Sample Id:	MW-5A	MW-206	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	10.1	15.9	02/09/04 11:00AM	LFW
Chloride, mg/L as Cl	2.56	3.66	01/27/04 5:27PM	RLS
Nitrate, mg NO_3-N/L	<0.10	2.02	01/27/04 5:27PM	RLS
Nitrite, mg NO_2-N/L	<0.10	<0.10	01/27/04 5:27PM	RLS
Sulfate, mg/L as SO_4	<0.50	<0.50	01/27/04 5:27PM	RLS
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
040126029

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: 1/23/04
Sampled By: Brad J. Bahos
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: BJB
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: Good
7. Comments: Fed Ex
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			
1/23	12:55p	MW-5A	Aqueous	+		3	HCl	VOC
	4:30p	MW-206						
		210A/MW-5A,206						
	11:49a	Pump Rinse 1				2		
	12:55	MW-5A				1	none	Alkalinity, Chloride, Fe, Mg, Mn, Na, Methane
	4:30pm	MW-206						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 TO MONT Lab 1/23/04 5:20pm	1 1-26-04 09:00
2 1-26-04 09:30	2 1-26-04 2:45pm
3 1-26-04 2:55pm	3

SHIPPING DETAILS

Air Bill #: 3015953105
Method of Shipment: GUS
Received By Lab:
Date/Time 01/26/04 1455

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: January 9, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040112045.001-002
TTL Job Number: 0700-024

Sample Id:	MW-207	MW-107	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	14.2	4.4	01-13-04 8:55AM	RLS
Chloride, mg/L as Cl	2.46	5.36	01-13-04 5:44PM	RWF
Nitrate, mg NO_3-N/L	1.69	3.34	01-13-04 5:44PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-13-04 5:44PM	RWF
Sulfate, mg/L as SO_4	3.56	1.47	01-13-04 5:44PM	RWF
Total Iron, mg/L as Fe				
Total Organic Carbon, mg/L	1.4	<0.5	01-20-04 9:45AM	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

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TTL WORK
ORDER NUMBER
040112045

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Diton
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/9/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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: [illegible]
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			
1/9	1:15pm	MW-207	Aqueous	x		3	HCl	VOC
	3:30p	MW-107						
	—	Blank/MW-207, 107						
	11:40a	Pump Rinse 1				2		
	1:15p	MW-207				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	3:30p	MW-107						
	1:15p	MW-207					H_2SO_4	TOC
	3:30p	MW-107						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/9/04 4:45pm
2 [signature] 1-12-04 9:55AM
3 [signature] 1-12-04 3:45

Received by (signed) Date/Time
1 [signature] 1-12-04 9:18AM
2 [signature] 1-12-04 3:35
3

SHIPPING DETAILS

Air Bill #: 3015647790
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 011204 1545

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040112046.001-004
TTL Job Number: 0700-024

Sample Id:	MW-106	MW-106 Dup	MW-130	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	5.2	<1.0	3.8	01-13-04 8:55AM	RLS
Chloride, mg/L as Cl	4.27	4.25	9.68	01-13-04 3:17PM	RWF
Nitrate, mg NO_3-N/L	2.74	2.73	1.78	01-13-04 3:17PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-13-04 3:17PM	RWF
Sulfate, mg/L as SO_4	5.43	5.78	3.69	01-13-04 3:17PM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L	1.1	0.6	1.0	01-20-04 9:45AM	

Sample Id:	MW-130 Dup	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	2.8	01-13-04 8:55AM	RLS
Chloride, mg/L as Cl	9.65	01-13-04 3:17PM	RWF
Nitrate, mg NO_3-N/L	1.77	01-13-04 3:17PM	RWF
Nitrite, mg NO_2-N/L	<0.10	01-13-04 3:17PM	RWF
Sulfate, mg/L as SO_4	3.22	01-13-04 3:17PM	RWF
Total Iron, mg/L as Fe			
Total Organic Carbon, mg/L	1.0	01-20-04 9:45AM	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 205.345.0992

TTL WORK ORDER NUMBER
040112046

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: 01-09-04
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:
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			
01-09	12:30	MW106	Liquid	X		3	HCl	VOC
	↓	MW106 Dup						
	3:30	MW130						
	↓	MW130 Dup						
	—	Blank MW106, 130						
	10:30	Bladder Pump Rinse 2				2		
	12:30	MW106				1	Ice	Nitrate, Nitrate, Sulfate, Alkalinity, Chloride
	↓	MW106 Dup						
	3:30	MW130						
↓	↓	MW-130 Dup	↓	↓		↓		↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab — Received by (signed) Date/Time

1. 1-09-04 16:30 — 1-12-04 9:10AM
2. 1-12-04 9:5[illegible]AM — 1-12-04 3:35
3. 1-12-04 3:45 — 3. ___

SHIPPING DETAILS

Air Bill #: 3015947790
Method of Shipment: BUS
Received By Lab:
Date/Time 01/12/04 1545

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

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TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT

Contact: Kichada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: (334) 244-0766

Date: 01-09-04

Sampled By: Reggie Robinson

Sample Site: Coliseum Boulevard Plume Inv.

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			
01.09	1230	MW 106	Liquid	X		1	H_2SO_4	TOC
	↓	MW 106 Dup						
	3:30	MW 130						
	↓	MW 130 Dup						

CUSTODY TRANSFERS PRIOR TO SHIPPING

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

1 To Monk. Lab 01.09.04 1630 — 1-12-04 9:10AM

2 1-12-04 9:55AM — 1-12-04 3:35

3 1-12-04 8:45 — 3

SHIPPING DETAILS

Air Bill #: 301564779O

Method of Shipment: B45

Received By Lab:

Date/Time 01/04 1545

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.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040114019.001-003
TTL Job Number: 0700-024

Sample Id:	MW-230	MW-235C	MW-235C DUP	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	2.8	3.5	3.0	01-18-04 2:40PM	RLS
Chloride, mg/L as Cl	6.7	2.40	2.49	01-15-04 11:51AM	RWF
Nitrate, mg NO_3-N/L	8.32	1.57	1.56	01-15-04 11:51AM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-15-04 11:51AM	RWF
Sulfate, mg/L as SO_4	0.75	6.81	6.62	01-15-04 11:51AM	RWF
Total Iron, mg/L as Fe					
Total Organic Carbon, mg/L	1.2			01-20-04 9:45AM	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
040114019

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01.12.04
Sampled By: Reggie Robinson
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: (KA)
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			
01.12	1:05	MW-230	Liquid	X		3	HCl	VOC
	4:10	MW-235C						
	↓	MW-235C Dup						
	—	Blanks - MW230, 235C & Dup				↓		
	10:00	Bladder Pump Rinse 2				2	↓	↓
	1:05	MW-230				1	Ice	Nitrate, Nitrite, Alkalinity Sulfate, Chloride
	4:10	MW-235C					↓	↓
	↓	MW-235C Dup						
↓	1:05	MW-230	↓	↓			H2SO4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	To Montg Lab 01.12.04 1700		1-13-04 3:20 PM
2	1-13-04 4:15 PM	WA W	1-14-04 9:20
3	W 1-14-04 9:30	3	

SHIPPING DETAILS

Air Bill #: 301568592
Method of Shipment: BUS
Received By Lab:
Date/Time 011404 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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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: January 12, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040114020.001-003
TTL Job Number: 0700-024

Sample Id:	MW-137A	MW-237B	MW-237C	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	6.3	12.7	2.2	01-18-04 2:40PM	RLS
Chloride, mg/L as Cl	8.46	9.39	7.76	01-15-04 12:41PM	RWF
Nitrate, mg NO_3-N/L	3.19	3.87	6.07	01-15-04 12:41PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-15-04 12:41PM	RWF
Sulfate, mg/L as SO_4	0.77	3.01	0.70	01-15-04 12:41PM	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 205.345.0992

TTL WORK ORDER NUMBER
040114020

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/12/04
Sampled By: Brad T. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0709-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [signature]
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			
1/12	12:00p	mw-137A	Aqueous	x		3	HCl	VOC
	4:35p	mw-237B						
	1:20p	mw-237C						
	—	Blank/mw-137A, 237B, 237C						
	10:15a	Pump Rinse 1				2		
	12:00p	mw-137A				2	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:35p	mw-237B						
	1:20p	mw-237C						

CUSTODY TRANSFERS PRIOR TO SHIPPING

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

1. [signature] 1/12/04 5:?? pm
2. [signature] 1-13-04 4:15 PM
3. [signature] 1-14-04 9:30

Received by (signed) Date/Time

1. [signature] 1-13-04 3:20 PM
2. [signature] 1-14-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 301528599?
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 011404 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Construction Materials Engineering and Testing
Environmental Engineering and Consulting
Geotechnical Engineering
Analytical Services

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040114046.001-003
TTL Job Number: 0700-024

Sample Id:	MW-138A	MW-238B	MW-238B Dup	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	2.6	11.3	11.4	01-20-04 10:00AM	LFW
Chloride, mg/L as Cl	9.84	8.36	8.35	01-15-04 2:53PM	RWF
Nitrate, mg NO_3-N/L	4.03	4.22	4.21	01-15-04 2:53PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-15-04 2:53PM	RWF
Sulfate, mg/L as SO_4	2.35	2.61	2.24	01-15-04 2:53PM	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
040114046

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/13/04
Sampled By: Brad Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BKW
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			
1/13	12:35p	mw-138A	Aqueous	+		3	HCl	VOC
	4:45p	mw-238B						
	↓	mw-238B Duplicate						
	—	Blank/mw-138A,238B,238B Duplicate				↓		
	11:30a	Pump Rinse 1				2	↓	↓
	12:35	mw-138A				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:40	mw-238B						
↓	↓	mw-238B Replicate	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To mw Lab

1 1/13/04 5:30pm
2 1-14-04 9:50AM
3 W 1-14-04 2:30

Received by: (signed) Date/Time

1 1-14-04 9:10AM
2 W 1-14-04 2:20
3

SHIPPING DETAILS

Air Bill #: 301569948
Method of Shipment: BUS
Received By Lab:
Date/Time 01/14/04 1430

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Geotechnical Engineering
Analytical Services

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040114050.001-002
TTL Job Number: 0700-024

			Date/Time Analyzed	Analyst
Sample Id:	**MW-135A**	**MW-235B**		
Alkalinity, mg $CaCO_3$/l	5.4	7.4	01-20-04 10:00AM	RLS
Chloride, mg/L as Cl	3.99	3.66	01-15-04 3:42PM	RWF
Nitrate, mg NO_3-N/L	2.28	1.81	01-15-04 3:42PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-15-04 3:42PM	RWF
Sulfate, mg/L as SO_4	8.24	6.51	01-15-04 3:42PM	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

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TTL WORK ORDER NUMBER
040114050

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: 334 244-0766
Date: 01·13·04
Sampled By: Reggie Robinson
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: tkw
3. Initial Contents Temp.: Red °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			
01-13	12:10	MW-135A	Liquid	X		3	HCl	VOC
	3:15	MW-235B						
	—	Blanks MW 135A, MW 235B						
	09:00	Bladder Pump Rinse 2				2		
	12:10	MW-135A				1	Tce	Nitrate, Nitrite Sulfate, Alkalinity, Chloride
	3:15	MW-235B						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab

1 1·13·04 17:00

2 1-14-04 9:50AM

3 MW 1-14-04 2:30

Received by (signed) Date/Time

1-14-04 9:10AM

MW 1-14-04 2:20

3

SHIPPING DETAILS

Air Bill #: 3015699148
Method of Shipment: FedEx
Received By Lab:
Date/Time 011404 1430

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.

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040116012.001-003
TTL Job Number: 0700-024

Sample Id:	MW-238C	CMT 2-2	CMT 2-3	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	12.6	12.8	54.8	01/21/04 10:45AM	LFW
Chloride, mg/L as Cl	7.90	4.33	3.50	01/16/04 6:44PM	RWF
Nitrate, mg NO_3-N/L	3.64	1.65	1.08	01/16/04 6:44PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01/16/04 6:44PM	RWF
Sulfate, mg/L as SO_4	5.18	3.00	22.6	01/16/04 6:44PM	RWF
Total Iron, mg/L as Fe			1.84	01/21/04 9:50AM	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

TTL WORK ORDER NUMBER
040116012

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT-CBP
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-14-04
Sampled By: Reggie Robinson
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: 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	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
01.14	12:55	MW-238C	liquid	X		3	HCl	VOC
↓	5:07	CMT 2-2	↓	↓		↓	↓	↓
	4:48	CMT 2-3						
	—	Blanks for MW-238C CMT-2-2 CMT-2-3						
	09:30	Bladder Pump Rinse 2				2	↓	
	12:55	MW-238C				1	Ice	Nitrate Nitrite Sulfate, Alkalinity, Chloride
	5:07	CMT-2-2				↓	↓	↓
	4:48	CMT-2-3				↓	↓	
↓	4:48	CMT-2-3	↓	↓		1	HNO_3	T-FE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Mont. Lab

1. 1-14-04 18:00
2. 1-15-04 18:30
3. W 1-16-04 9:30

Received by (signed) Date/Time

1. 1-15-04 17:30
2. W 1-16-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 301574075?
Method of Shipment: BUS
Received By Lab:
Date/Time 01/16/04 0930

TTL, Inc. - Tuscaloosa Office/Laboratory: 3516 Greensboro Avenue, Tuscaloosa, Alabama 35401, Telephone (205) 345-0816, FAX (205) 345-0992
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040116009.001-002
TTL Job Number: 0700-024

Sample Id:	**CMT 2-4**	**CMT 2-5**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	45.3	43.9	01-20-04 10:00AM	LFW
Chloride, mg/L as Cl	3.01	1.70	01-16-04 5:21PM	RWF
Nitrate, mg NO_3-N/L	0.28	<0.10	01-16-04 5:21PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-16-04 5:21PM	RWF
Sulfate, mg/L as SO_4	1.04	4.80	01-16-04 5:21PM	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 205.345.0992

TTL WORK ORDER NUMBER
040116009

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-15-04
Sampled By: Reggie Robinson
Sample Site: Colisem Blvd 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			
01-15	12:45	CMT 2-4	Liquid	X		3	HCl	VOC
↓	1:04	CMT 2-5	↓	↓		↓	↓	↓
	—	Blank CMT 2-4, 2-5				↓	↓	↓
	12:45	CMT 2-4				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
↓	1:04	CMT 2-5	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed)	Date/Time	To Mont. Lab	Received by (signed)	Date/Time
1		1-15-04	17:00		1-15-04 17:30
2		1-15-04	18:30		1-16-04 9:20
3		1-16-04	9:30		

SHIPPING DETAILS

Air Bill #: 3015740750
Method of Shipment: BUS
Received By Lab:
Date/Time 01/16/04 0936

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.

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040116011.001-003
TTL Job Number: 0700-024

Sample Id:	CMT 2-6	CMT 2-7	CMT 3-3	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	64.9	90.3	27.1	01/21/04 10:45AM	LFW
Chloride, mg/L as Cl	1.86	2.29	5.43	01/16/04 5:54PM	RWF
Nitrate, mg NO_3-N/L	<0.10	<0.10	0.47	01/16/04 5:54PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01/16/04 5:54PM	RWF
Sulfate, mg/L as SO_4	3.47	7.81	11.4	01/16/04 5:54PM	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

TTL WORK ORDER NUMBER
040116011

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/15/04
Sampled By: Brad S. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: REL
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 Good No
6. Condition of Contents: Ice
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			
1/15	12:05pm	CMT 2-6	Aqueous	+		3	HCl	VOC
	2:05pm	CMT 2-7						
	4:00pm	CMT 3-3						
	—	Blank/CMT 2-6,2-7,3-3						
	12:05	CMT 2-6				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	2:05	CMT 2-7						
	4:00	CMT 3-3						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. 1/15/04 5:20pm
2. 1/15/04 18:30
3. W 1-16-04 9:30

Received by (signed) Date/Time
1. 1/16/04 17:30
2. W 1-16-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 301574075D
Method of Shipment: FedEx
Received By Lab:
Date/Time 1-16-04 0930

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.

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 16, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040120017.001-002
TTL Job Number: 0700-024

Sample Id:	CMT 3-4	CMT 3-5	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	30.4	27.4	01/21/04 10:45AM	LFW
Chloride, mg/L as Cl	2.27	7.79	01/21/04 5:42PM	RWF
Nitrate, mg NO_3-N/L	0.71	2.08	01/21/04 5:42PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01/21/04 5:42PM	RWF
Sulfate, mg/L as SO_4	1.69	11.4	01/21/04 5:42PM	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

TTL WORK ORDER NUMBER
040120017

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01.16.04
Sampled By: Reggie Robinson
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:
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			
01.16	12:04	CMT 3-4	Liquid	X		3	HCl	VOC
↓	2:48	CMT 3-5	↓	↓		↓	↓	↓
	—	Blanks CMT 3-4, 3-5						
	12:04	CMT 3-4				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
↓	2:48	CMT 3-5	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab
1 [signature] 1.16.04 17:00
2 [signature] 1-20-04 12:40
3

Received by (signed) Date/Time
1 [signature] 1/20/04 10:00A
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab: [signature]
Date/Time 01/20/04 1240

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: January 16, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040120018.001-003
TTL Job Number: 0700-024

Sample Id:	CMT 3-2	CMT 3-6	CMT 3-7	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	16.5	14.0	16.1	01-22-04 9:35AM	LFW
Chloride, mg/L as Cl	7.54	13.8	10.1	01-21-04 6:15PM	RWF
Nitrate, mg NO_3-N/L	1.28	11.3	7.29	01-21-04 6:15PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-21-04 6:15PM	RWF
Sulfate, mg/L as SO_4	12.7	1.97	3.63	01-21-04 6:15PM	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

TTL WORK ORDER NUMBER
040120018

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT

Contact: Kidada Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/16/04

Sampled By: Brad J. Baker

Sample Site: Coliseum Blvd Plume

TTL Job No.: 0709-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By:
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: Good
7. Comments: Fed Ex
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			
1/16	2:05p	CMT 3-2	Aqueous	X		3	HCl	VOC
	12:35p	CMT 3-6						
	4:00p	CMT 3-7						
	—	Blank/CMT 3-2, 3-6, 3-7						
	2:05	CMT 3-2				1		Alkalinity, Chloride, Sulfate, Nitrate, Moisture
	12:35	CMT 3-6						
	4:00	CMT 3-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mobile Lab

1 1/16/04 5:00pm

2 1/20/04 12:30

3

Received by (signed) Date/Time

1 1/20/04 10:00

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment:

Received By Lab:

Date/Time 01/20/04 1038

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: January 19, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040120019.001-002
TTL Job Number: 0700-024

Sample Id:	CMT 1-1	CMT 1-2	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	145	82.8	01-22-04 9:35AM	LFW
Chloride, mg/L as Cl	5.41	5.34	01-21-04 7:05PM	RWF
Nitrate, mg NO_3-N/L	0.26	<0.10	01-21-04 7:05PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-21-04 7:05PM	RWF
Sulfate, mg/L as SO_4	1.74	6.19	01-21-04 7:05PM	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 205.345.0992

TTL WORK ORDER NUMBER
040120019

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 1.19.04
Sampled By: Reggie Robinson
Sample Site: Coliseum Blvd Plume Investigation
TTL Job No.: 0200-024 **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			
1.19	4:12	CMT 1-1	Liquid	X		3	HCl	VOC
↓	4:34	CMT 1-2	↓	↓		↓	↓	↓
	—	Blanks for CMT 1-1, 1-2				↓	↓	↓
	4:12	CMT 1-1				1	Ice	Nitrate, Nitrate, Sulfate, Alkalinity, Chloride
↓	4:34	CMT 1-2	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Montg. Lab

1. 1-19-04 17:30
2. 1-20-04 12:40
3.

Received by (signed) Date/Time

1. 1/20/04 10:00
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 01/20/04 1240

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

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040120016.001-002
TTL Job Number: 0700-024

Sample Id:	**CMT 1-3**	**CMT 1-4**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	67.5	202	01-21-04 10:45AM	LFW
Chloride, mg/L as Cl	12.1	1.47	01-22-04 10:47AM	RWF
Nitrate, mg NO_3-N/L	2.92	<0.10	01-21-04 5:09PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-21-04 5:09PM	RWF
Sulfate, mg/L as SO_4	1.37	3.98	01-21-04 5:09PM	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 205.345.0992

TTL WORK ORDER NUMBER
040120016

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: _____

City, State, Zip: _____

Phone No.: _____

Date: 1/19/04

Sampled By: Brad J. Baker

Sample Site: Coliseum Blvd Plume

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

1. Condition of Contents: Good
2. Sealed for Shipping By: _____
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			
1/19	2:20p	~~MW-~~ BTB CMT 1-3	Aqueous	+		3	HCl	VOC
	1:45p	CMT 1-4						
	—	Blank/CMT 1-3, 1-4						
	2:20p	CMT 1-3				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	1:45p	CMT 1-4						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab

1 _____ 1/19/04 5:11pm

2 _____ 1/20/04 12:30

3 _____

Received by (signed) Date/Time

1 _____ 1/20/04 10:00

2 _____

3 _____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: _____

Received By Lab: _____

Date/Time 1/20/04 1230

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: January 20, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040121021.001-003
TTL Job Number: 0700-024

Sample Id:	CMT 1-5	CMT 1-6	CMT 1-7	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	76.6	100	20.1	01-24-04 10:00AM	LFW
Chloride, mg/L as Cl	9.82	8.68	8.76	01-21-04 9:50PM	RWF
Nitrate, mg NO_3-N/L	2.01	1.15	5.81	01-21-04 9:50PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-21-04 9:50PM	RWF
Sulfate, mg/L as SO_4	6.47	0.74	<0.50	01-21-04 9:50PM	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 205.345.0992

TTL WORK ORDER NUMBER
040121 021

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/20/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

1. Condition of Contents: Good
2. Sealed for Shipping By:
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: 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			
1/20	1:45p	CMT 1-5	Aqueous	X		3	HCl	VOC
	3:55p	CMT 1-6						
	3:00p	CMT 1-7						
	—	Blank/CMT 1-5, 1-6, 1-7						
	1:45p	CMT 1-5				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	3:55p	CMT 1-6						
	3:00p	CMT 1-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

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

1 To MAC Lab 1/20/04 5:00pm — K. Dennis 1/20/04 8:15am
2 K. Dennis 1/21/04 10:22am —
3 — 3 —

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 01/21/04 1022

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: January 21, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040122015.001-003
TTL Job Number: 0700-024

Sample Id:	CMT 2-1	CMT 4-4	CMT 4-5	Date/Time Analyzed	Analyst
Alkalinity, mg $CaCO_3$/l	26.8	31.0	78.8	01-25-04 9:10AM	LFW
Chloride, mg/L as Cl	5.34	4.93	2.84	01-22-04 6:34PM	RWF
Nitrate, mg NO_3-N/L	1.04	0.81	<0.10	01-22-04 6:34PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	<0.10	01-22-04 6:34PM	RWF
Sulfate, mg/L as SO_4	12.0	5.67	0.80	01-22-04 6:34PM	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

TTL WORK
ORDER NUMBER
040122015

TTL Technology and Tradition

Sheet ____ of ____

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address: 4154 LOMAC St
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01-21-04
Sampled By: Reggie Robinson
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: CAW
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			
1-21	11:57	CMT 2-1	Liquid	X		3	ACI	VOC
↓	3:11	CMT 4-4	↓	↓		↓	↓	↓
↓	2:58	CMT 4-5	↓	↓		↓	↓	↓
↓	—	Blanks for CMT 2-1, 4-4, 4-5	↓	↓		↓	↓	↓
↓	11:57	CMT 2-1	↓	↓		1	Ice	Nitrate, Nitrite, Sulfate, Chloride, Alkalinity
↓	3:11	CMT 4-4	↓	↓		↓	↓	↓
↓	2:58	CMT 4-5	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Monty Lab
1 [signature] 1-21-04 17:30
2 [signature] 1-22-04 12:00PM
3 ____

Received by (signed) Date/Time
1 [signature] 1-22-04 9:10AM
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 01-22-04 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, 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: January 21, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040122018.001-002
TTL Job Number: 0700-024

Sample Id:	**CMT 4-2**	**CMT 4-3**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	3.3	34.9	01-25-04 9:10AM	LFW
Chloride, mg/L as Cl	5.88	7.73	01-22-04 6:24PM	RWF
Nitrate, mg NO_3-N/L	0.94	1.27	01-22-04 6:24PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-22-04 6:24PM	RWF
Sulfate, mg/L as SO_4	6.05	6.78	01-22-04 6:24PM	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

TTL WORK ORDER NUMBER
040122018

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/21/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: [signature]
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 [signature]
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			
1/21	3:45p	CMT 4-2	Aqueous	✓		3	HCl	VOC
	4:30p	CMT 4-3	↓	↓		↓	↓	↓
	—	Blank/CMT 4-2, 4-3	↓	↓		↓	↓	↓
	3:45p	CMT 4-2	↓	↓		1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
↓	4:30p	CMT 4-3	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Mont Lab
1 [signature] 1/21/04 5:00pm
2 [signature] 1-22-04 12:00PM
3

Received by (signed) Date/Time
1 [signature] 1-22-04 9:10 AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 01/22/04 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, 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: January 22, 2004
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
TTL Lab Number: 040126031.001-002
TTL Job Number: 0700-024

Sample Id:	**CMT 4-6**	**CMT 4-7**	**Date/Time Analyzed**	**Analyst**
Alkalinity, mg $CaCO_3$/l	45.9	27.2	02-09-04 11:00AM	RLS
Chloride, mg/L as Cl	5.07	5.81	01-27-04 5:59PM	RWF
Nitrate, mg NO_3-N/L	1.39	0.99	01-27-04 5:59PM	RWF
Nitrite, mg NO_2-N/L	<0.10	<0.10	01-27-04 5:59PM	RWF
Sulfate, mg/L as SO_4	2.59	6.88	01-27-04 5:59PM	RWF
Total Iron, mg/L as Fe	2.34	0.35	01-28-04 2:33PM	GAH
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 205.345.0992

TTL WORK ORDER NUMBER
040126031

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kickada Dixon
Mailing Address: 4154 LOMAC St
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01.22.04
Sampled By: Reggie Robinson
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: 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 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
01.22	12:12	CMT 4-6	Liquid	X		3	HCl	VOC
↓	1:33	CMT 4-7	↓	↓		↓	↓	↓
	—	Blanks for CMT 4-6, 4-7				↓	↓	
	12:12	CMT 4-6				1	Ice	Nitrate, Nitrite, Sulfide, Alkalinity, Chloride
	1:33	CMT 4-7				↓	↓	↓
	12:12	CMT 4-6				1	HNO_3	T-Fe
↓	1:33	CMT 4-7	↓	↓		↓	↓	↓
1.22	16:30	TW 01.22.04-1	Liquid	X		4	HCl	VOC
	16:32	TW 01.22.04-3	↓	↓		↓	↓	↓
↓	—	Blanks for TW 01-22.04-1, 3				3	↓	

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1. 1.22.04 17:30
2. 1.26.04 09:30
3. 1-26-04 2:55pm

Received by (signed) Date/Time

1. 1.26.04 09:00
2. 1-26-04 2:45pm

SHIPPING DETAILS

Air Bill #: 3015953105
Method of Shipment: BUS
Received By Lab:
Date/Time 012604 1455

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.

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

January 14, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac ST.
Montgomery, AL 36106

Re: Laboratory Project No.: 24033
Case: 24033 SDG: 98057

Dear Ms. Dixon:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on January 09, 2004. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 01/09/04 ETR No: 98057		
556848	MW-236B	01/05/04	Aqueous
556849	MW-136A	01/05/04	Aqueous
556850	MW-236C	01/06/04	Aqueous
556851	MW-103	01/06/04	Aqueous
556852	MW-203	01/06/04	Aqueous
556853	MW-102	01/06/04	Aqueous
556854	MW-101	01/07/04	Aqueous
556855	MW-201	01/07/04	Aqueous
556856	MW-202	01/07/04	Aqueous
556857	MW-3A	01/07/04	Aqueous
556858	MW-5A	01/08/04	Aqueous
556859	MW-206	01/08/04	Aqueous

There were no exceptions to quality control criteria noted during the analysis of the above samples. If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0027.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jtw/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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556854

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R071

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556853

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041554-R021

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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	860	
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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556851

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R041

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556849

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R021

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556855

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R081

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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-202

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556856

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R091

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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	7.2	
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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556852

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041554-R011

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556859

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R131

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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-236B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556848

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R011

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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-236C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556850

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R031

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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-3A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556857

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R101

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: 556858

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN041351-R111

Level: (low/med) LOW Date Received: 01/09/04

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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	130	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKL3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: ABLKL3

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN040846-R081

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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.

L3LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: L3LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN040846-R061

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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	71	
74-84-0	Ethane	120	
74-85-1	Ethene	120	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

L3LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix: (soil/water) WATER Lab Sample ID: L3LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 13JAN040846-R071

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/13/04

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	82	
74-84-0	Ethane	150	
74-85-1	Ethene	150	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Matrix Spike - Sample No.: L3LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		71	97	70-130
Ethane	140		120	86	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	82	112	14	30	70-130
Ethane	140	150	107	22	30	70-130
Ethene	130	150	115	22	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.

ABLKL3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98057

Lab File ID: 13JAN040846-R081 Lab Sample ID: ABLKL3

Date Analyzed: 01/13/04 Time Analyzed: 1016

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	L3LCS	L3LCS	13JAN040846-	1006
02	L3LCSD	L3LCSD	13JAN040846-	1011
03	MW-236B	556848	13JAN041351-	1403
04	MW-136A	556849	13JAN041351-	1408
05	MW-236C	556850	13JAN041351-	1412
06	MW-103	556851	13JAN041351-	1418
07	MW-101	556854	13JAN041351-	1434
08	MW-201	556855	13JAN041351-	1439
09	MW-202	556856	13JAN041351-	1444
10	MW-3A	556857	13JAN041351-	1450
11	MW-5A	556858	13JAN041351-	1455
12	MW-206	556859	13JAN041351-	1505
13	MW-203	556852	13JAN041554-	1602
14	MW-102	556853	13JAN041554-	1607
15				
16				
17				
18				
19				
20				
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: Kidade Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/8/04

Sampled By: Brad J Baker, Reggie [illegible]

Sample Site: Colsom Blvd Plume

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.: 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			
1/8	1050	mm - 5A	[illegible]	[illegible]		2	1/C	methane, Ethane, Ethene
6	1050	mm - 206	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

0021

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/8/04 6:00 pm

2

3

Received by (signed) Date/Time

1 [signature] 19040945

2 [signature] 19040945

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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.

TTL Technology and Tradition

STL

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: (334) 244-0766

Date: 01.07.04

Sampled By: Reggie 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:
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			
01.07	12:25	MW 202	Liquid	X		2	HCl	Methane, Ethane, Ethene
↓	3:15	MW 3A	↓	↓		↓	↓	↓

0022

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Monty. LAB

1 1.7.04 17:00

2

3

Received by (signed) Date/Time

1

2 1.7.04 0945

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) 244-6668
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: 1/7/04

Sampled By: [illegible]

Sample Site: Coliseum Boulevard Plume Investigation

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

Sample Security Requirements

1. Condition of Contents: [illegible]
2. Sealed for Shipping By:
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			
1/7	1:35 pm	MW-101	Aqueous	+		2	4 oz	[illegible]
↓	2:50 pm	MW-201	↓	↓		↓	↓	↓

0023

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time [illegible]

1 [illegible] 1/7/04 3:55pm

2 [illegible]

3

Received by (signed) Date/Time

1 [illegible]

2 [illegible] 9104 0945

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: [illegible]

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

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: 01.06.04

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:
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			
01.06	2:10	MW 102	Liquid	X		2	HCl	Methane, Ethane, Ethene

0024

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab

1 1.6.04 17:30

2

3

Received by (signed) Date/Time

1

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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: 1/6/04

Sampled By: Rad J. Bond

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.: 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			
1/6	11:30a	mw - 236C	Aqueous	X		1	4C	methane, Ethane, Ethene
	1:00p	mw - 103						
↓	4:30p	mw - 203	↓	↓		↓	↓	↓

0025

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab

1 [signature] 1/6/04 5:30pm

2 [signature] 1/8/04 6:00pm

3

Received by (signed) Date/Time

1 [signature] 1/8/04 5:30

2 [signature] 1/9/04 6:45

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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: 1/5/04

Sampled By: Brad J. [illegible]

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.: 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			
1/5/04	1:45p	MW - 13LA	Aqueous	X		2	HCl	Lechate, Iron, Fluoride

0026

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To [illegible]

1 [illegible] 1/5/04 3:30pm

2 [illegible] 1/8/04 6:00

3

Received by (signed) Date/Time

1 [illegible] 1/8/04 [illegible]

2 [illegible] 1/8/04 09:45

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Feder

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 and Tradition

STL

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: 01 05 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: _____
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: _____
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			
1-5	1-5	MW-236 B	Liquid	X		2	HCl	[illegible]

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [illegible] 1-5-04 [illegible]

2 [illegible] 1/8/04 [illegible]

3 _____

Received by (signed) Date/Time

1 [illegible] 1/8/04 [illegible]

2 [illegible] 1.9.04 0945

3 _____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: Fedex

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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0027

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

January 20, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac ST.
Montgomery, AL 36106

JAN 26

Re: Laboratory Project No.: 24033
Case: 24033 ETR: 98123

Dear Ms. Dixon:

Enclosed are the analytical results of samples received intact by Severn Trent Laboratories on January 14, 2004. Laboratory numbers have been assigned and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 01/14/04 ETR No: 98123		
557392	MW106	01/09/04	Aqueous
557393	MW106 DUP	01/09/04	Aqueous
557394	MW130	01/09/04	Aqueous
557395	MW130 DUP	01/09/04	Aqueous
557396	MW207	01/09/04	Aqueous
557397	MW107	01/09/04	Aqueous
557398	MW230	01/12/04	Aqueous
557399	MW235C	01/12/04	Aqueous
557400	MW235C DUP	01/12/04	Aqueous
557401	MW137A	01/12/04	Aqueous
557402	MW237B	01/12/04	Aqueous
557403	MW237C	01/12/04	Aqueous

There were no exceptions to quality control criteria noted during the analysis of the above samples. If there are any questions regarding this submittal, please contact Jeannine McCrumb at (802) 655-1203.

This report shall not be reproduced, except in full, without the written approval of the laboratory. This report is sequentially numbered starting with page 0001 and ending with page 0024.

I certify that this package is in compliance with the NELAC requirements, both technically and for completeness, for other than the conditions detailed above. The release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jtw/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.

MW106

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557392

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R011

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW106_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557393

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R021

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW107

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557397

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R061

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW130

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557394

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R031

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW130_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557395

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R041

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW137A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557401

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R101

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW207

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557396

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R051

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW230

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557398

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R071

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW235C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557399

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R081

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW235C_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557400

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R091

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW237B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557402

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R111

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

MW237C

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: 557403

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041336-R121

Level: (low/med) LOW Date Received: 01/14/04

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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.

ABLKL6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix: (soil/water) WATER Lab Sample ID: ABLKL6

Sample wt/vol: _____ (g/mL) ML Lab File ID: 16JAN041143-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/16/04

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: STLVTB Case No.: SAS No.: SDG No.: 98123

Matrix Spike - Sample No.: L6LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		72	99	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	81	111	11	30	70-130
Ethane	140	150	107	14	30	70-130
Ethene	130	140	108	16	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.

ABLKL6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98123

Lab File ID: 16JAN041143-R041 Lab Sample ID: ABLKL6

Date Analyzed: 01/16/04 Time Analyzed: 1222

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	L6LCS	L6LCS	16JAN041143-	1212
02	L6LCSD	L6LCSD	16JAN041143-	1217
03	MW106	557392	16JAN041336-	1355
04	MW106_DUP	557393	16JAN041336-	1400
05	MW130	557394	16JAN041336-	1404
06	MW130_DUP	557395	16JAN041336-	1411
07	MW207	557396	16JAN041336-	1415
08	MW107	557397	16JAN041336-	1420
09	MW230	557398	16JAN041336-	1426
10	MW235C	557399	16JAN041336-	1431
11	MW235C_DUP	557400	16JAN041336-	1436
12	MW137A	557401	16JAN041336-	1442
13	MW237B	557402	16JAN041336-	1447
14	MW237C	557403	16JAN041336-	1451
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

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: 01.09.04

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: RJB
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			
01.09	12:30	MW106	liquid	X		2	HCl	MEthane, Ethene, Ethane
↓	↓	MW106 Dup	↓	↓		↓	↓	↓
↓	3:30	MW130	↓	↓		↓	↓	↓
↓	↓	MW130 Dup	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 [signature] 1.09.04 16:30

2 [signature] 1/13/04 9:45am

3 ____

Received by (signed) Date/Time

1 [signature] 1/13/04 8:45am

2 [signature] 1/14/04 0945

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: [illegible]

Contact: [illegible]

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/9/04

Sampled By: [illegible]

Sample Site: [illegible]

TTL Job No.: [illegible] Client P.O. #

Sample Security Requirements

1. Condition of Contents: [illegible]
2. Sealed for Shipping By: BJB
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			
1/9	[illegible]	[illegible] 207	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible] 107	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [illegible] 1/9/04 [illegible]

2 [illegible] 1/13/04 9:45am

3

Received by (signed) Date/Time

1 [illegible] 1/12/04 8:45am

2 Eric Paulson 1/14/04 0945

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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.

TTL Technology and Tradition

STL

Sheet 1 of 1

Chain of Custody Form

Client: AL DOT

Contact: Kidade Dixon

Mailing Address: 4154 Lomac St.

City, State, Zip: Montgomery, AL 36106

Phone No.: (334) 244-0766

Date: 01-12-04

Sampled By: Reggie Robinson

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: [illegible]
3. Initial Contents Temp.: [illegible] °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			
01-12	1:05	MW-230	Liquid	x		2	HCl	Methane, Ethane, Ethene
↓	1:10	MW 235C	↓	↓		↓	↓	↓
↓	↓	MW 235C Dup	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Hawk Lab.

1 [signature] 01-12-04 [illegible]

2 [signature] 1/13/04 9:45am

3

Received by (signed) Date/Time

1 [signature] 1/13/04 8:45am

2 [signature] 1/14/04 0945

3

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kinda Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/12/24

Sampled By: Rod J. Baker

Sample Site: Colsa 3145 Plant

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

1. Condition of Contents: Good
2. Sealed for Shipping By: RJB
3. Initial Contents Temp.: 41 °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			
1/12	11:00	MW-137A	GW	X		2	HCl	MEK/VOC, Ethanol, Ethene
↓	4:35	MW-237B	↓	↓		↓	↓	↓
↓	1:15	MW-237C	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO MGM LAB

1. [signature] 1/12/24 5:30pm
2. [signature] 1/13/24 9:45am
3. ____

Received by (signed) Date/Time

1. [signature] 1/12/24 8:45pm
2. Erin Paulk 1/14/24 0945
3. ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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.

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

January 26, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac ST.
Montgomery, AL 36106

FEB - 2

Re: Laboratory Project No.: 24033
Case: 24033 ETR: 98178

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on January 16, 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: 01/16/04 ETR No: 98178		
557836	CMT2-4	01/15/04	Water
557837	CMT2-5	01/15/04	Water
557838	MW-238C	01/14/04	Water
557839	CMT2-2	01/14/04	Water
557840	CMT2-3	01/14/04	Water
557841	MW-138A	01/13/04	Water
557842	MW-238B	01/13/04	Water
557843	MW-238B Duplicate	01/13/04	Water
557844	MW-135A	01/13/04	Water
557845	MW-235B	01/13/04	Water
557846	CMT2-6	01/15/04	Water
557847	CMT2-7	01/15/04	Water
557848	CMT3-3	01/15/04	Water

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 test report, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jtw/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.

CMT2-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557839

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R041

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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.

CMT2-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557840

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R051

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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.

CMT2-4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557836

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R011

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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	12	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT2-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557837

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R021

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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.

CMT2-6

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557846

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R111

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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.

CMT2-7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557847

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R121

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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	2.8	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

TTLINC SAMPLE NO.

CMT3-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557848

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R131

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557844

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R091

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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-138A

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557841

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R061

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557845

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R101

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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-238B

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557842

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R071

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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-238B_DUP

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557843

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R081

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: 557838

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041437-R031

Level: (low/med) LOW Date Received: 01/16/04

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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.

ABLKL7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: ABLKL7

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041356-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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.

L7LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: L7LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041356-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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	110	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

L7LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix: (soil/water) WATER Lab Sample ID: L7LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 20JAN041356-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/20/04

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	85	
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: STLVTB Case No.: SAS No.: SDG No.: 98178

Matrix Spike - Sample No.: L7LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		68	93	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	85	116	22	30	70-130
Ethane	140	150	107	22	30	70-130
Ethene	130	140	108	24	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.

ABLKL7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98178

Lab File ID: 20JAN041356-R041 Lab Sample ID: ABLKL7

Date Analyzed: 01/20/04 Time Analyzed: 1426

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	L7LCS	L7LCS	20JAN041356-	1405
02	L7LCSD	L7LCSD	20JAN041356-	1422
03	CMT2-4	557836	20JAN041437-	1453
04	CMT2-5	557837	20JAN041437-	1457
05	MW-238C	557838	20JAN041437-	1502
06	CMT2-2	557839	20JAN041437-	1508
07	CMT2-3	557840	20JAN041437-	1513
08	MW-138A	557841	20JAN041437-	1518
09	MW-238B	557842	20JAN041437-	1524
10	MW-238B_DUP	557843	20JAN041437-	1529
11	MW-135A	557844	20JAN041437-	1534
12	MW-235B	557845	20JAN041437-	1539
13	CMT2-6	557846	20JAN041437-	1544
14	CMT2-7	557847	20JAN041437-	1549
15	CMT3-3	557848	20JAN041437-	1555
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

TTL Technology and Tradition

STL

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP

Contact: Kelada Dixon

Mailing Address: 4154 Lomac St

City, State, Zip: Montgomery AL 36106

Phone No.: (334) 244-0766

Date: 01 15 04

Sampled By: Reggie Robinson

Sample Site: [illegible] Blind 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: _____
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			
01/15	12:45	CMT 2-4	Liquid	X		2	[illegible]	Methane, Ethane, Ethene
↓	1:04	CMT 2-5	↓	↓		↓	↓	↓

0022

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 [signature] 1/15/04 17:00

2 [signature] 1/15/04 6:00pm

3 _____

Received by (signed) Date/Time

1 [signature] 1/15/04 5:30pm

2 [signature] 1/16/04 1050

3 _____

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: Fedex

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

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac St

City, State, Zip: Montgomery AL 36106

Phone No.: (334) 244-0766

Date: 01.14.04

Sampled By: Reggie Robinson

Sample Site: Citizens Blvd Plume Investigation

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

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BSP
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			
01.14	12:55	MW-238C	Liquid	X		2	HCl	Methane, Ethane, Ethene
↓	5:07	CMT 2-2	↓	↓		↓	↓	↓
↓	4:48	CMT 2-3	↓	↓		↓	↓	↓

0023

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mark Lab

1 [signature] 1.14.04 18:00

2 [signature] 1/15/04 6:00pm

3 ____

Received by (signed) Date/Time

1 [signature] 1/15/04 5:20pm

2 [signature] 1/16/04 1050

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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:

City, State, Zip:

Phone No.:

Date: 1/13/04

Sampled By: Brad J. Baker

Sample Site: Coliseum Blvd Plume

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

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BJB
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 ____

0024

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/13	12:35p	MW-138A	Aqueous	X		2	HCl	Methane, Ethane, Ethene
↓	4:40p	MW-238B	↓	↓		↓	↓	↓
	↓	MW-238B Duplicate						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/13/04 5:30pm

2 [signature] 1/15/04 6:00pm

3

Received by (signed) Date/Time

1 [signature] 1/15/04 5:30pm

2 [signature] 1/16/04 1050

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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.

1115

TTL Technology and Tradition

STL

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: 01/13/04

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: ____
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			
01/13	12:10	MW-135A	Liquid	x		2	HCl	Methane, Ethane, Ethene
↓	3:15	MW-235B	↓	↓		↓	↓	↓

0025

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab.

1 [signature] 1/13/04 17:00

2 [signature] 1/15/04 6:00pm

3 ____

Received by (signed) Date/Time

1 [signature] 1/15/04 5:30pm

2 [signature] 1/16/04 1050

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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:

City, State, Zip:

Phone No.:

Date: 1/15/04

Sampled By: Brad J. Baker

Sample Site: Coliseum Blvd Plume

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

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BJB
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 ____

0026

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/15	2:05p	CMT 2-6	Aqueous	X		2	HCl	Methane, Ethane, Ethene
↓	2:05p	CMT 2-7	↓	↓		↓	↓	↓
	4:00p	CMT 3-3						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/15/04 6:00pm

2

3

Received by (signed) Date/Time

1 [signature] 1/16/04 1050

2

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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.

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

January 26, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac ST.
Montgomery, AL 36106

FEB - 2 2004

Re: Laboratory Project No.: 24033
Case: 24033 ETR: 98239

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on January 21, 2004. This report is sequentially numbered starting with page 0001 and ending with page 0025. Laboratory ID numbers were designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 01/21/04 ETR No: 98239		
558171	CMT 3-4	01/16/04	Aqueous
558172	CMT 3-5	01/16/04	Aqueous
558173	CMT 3-2	01/16/04	Aqueous
558174	CMT 3-6	01/16/04	Aqueous
558175	CMT 3-7	01/16/04	Aqueous
558176	CMT 1-1	01/19/04	Aqueous
558177	CMT 1-2	01/19/04	Aqueous
558178	CMT 1-3	01/19/04	Aqueous
558179	CMT 1-4	01/19/04	Aqueous
558180	CMT 1-5	01/20/04	Aqueous
558181	CMT 1-6	01/20/04	Aqueous
558182	CMT 1-7	01/20/04	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 test report, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jtw/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_1-1

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558176

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R101

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	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.

CMT_1-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558177

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R111

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	31	
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_1-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558178

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R121

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	4.8	
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_1-4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558179

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R131

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	100	
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_1-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558180

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R141

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	38	
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: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558181

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R151

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	4.2	
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: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558182

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R161

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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.

CMT_3-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558173

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R071

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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.

CMT_3-4

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558171

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R051

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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.

CMT_3-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558172

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R061

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	2.7	
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: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558174

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R081

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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.

CMT_3-7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: 558175

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R091

Level: (low/med) LOW Date Received: 01/21/04

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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

CLIENT SAMPLE NO.

ABLKL8

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: ABLKL8

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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

CLIENT SAMPLE NO.

L8LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix: (soil/water) WATER Lab Sample ID: L8LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 22JAN041418-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/22/04

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	84	
74-84-0	Ethane	140	
74-85-1	Ethene	140	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Matrix Spike - Sample No.: L8LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		84	115	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	72	99	15	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.

ABLKL8

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98239

Lab File ID: 22JAN041418-R041 Lab Sample ID: ABLKL8

Date Analyzed: 01/22/04 Time Analyzed: 1454

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	L8LCS	L8LCS	22JAN041418-	1444
02	L8LCSD	L8LCSD	22JAN041418-	1449
03	CMT_3-4	558171	22JAN041418-	1500
04	CMT_3-5	558172	22JAN041418-	1505
05	CMT_3-2	558173	22JAN041418-	1509
06	CMT_3-6	558174	22JAN041418-	1515
07	CMT_3-7	558175	22JAN041418-	1520
08	CMT_1-1	558176	22JAN041418-	1525
09	CMT_1-2	558177	22JAN041418-	1531
10	CMT_1-3	558178	22JAN041418-	1536
11	CMT_1-4	558179	22JAN041418-	1541
12	CMT_1-5	558180	22JAN041418-	1546
13	CMT_1-6	558181	22JAN041418-	1551
14	CMT_1-7	558182	22JAN041418-	1556
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

TTL Technology and Tradition

STL

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP

Contact: Kidade Dixon

Mailing Address: 4154 Lomac ST

City, State, Zip: Montgomery AL 36106

Phone No.: (334) 244-0766

Date: 01-16-04

Sampled By: Reggie Robinson

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: BJB
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			
01/16	12:04	CMT 3-4	Liquid	X		2	HCl	Methane/Ethane/Ethene
↓	2:48	CMT 3-5	↓	↓		↓	↓	↓

0021

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 [signature] 1-16-04 12:00

2 [signature] 1/20/04 5:40pm

3 ____

Received by (signed) Date/Time

1 [signature] 1/20/04 5:00pm

2 [signature] 1/20/04 0930

3 ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kinsley Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 11/4/04

Sampled By: Paul J Gabbard

Sample Site: Calcasieu Marl Plant

TTL Job No.: 02702-024 **Client P.O. #**

1. Condition of Contents: Good
2. Sealed for Shipping By: SDS
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 ____

0022

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
11/4	1:55	CAT 2-1	Soil	X		2	Ice	Arsenic, Cadmium, Chromium
"	1:55	CAT 2-6	"	"		"	"	"
"	4:05	CAT 2-7	"	"		"	"	"

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 11/6/04 5:30pm

2 11/6/04 5:40pm

3

Received by (signed) Date/Time

1 11/6/04 5:40pm

2 P E Dan 11/7/04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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.

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 1-19-04
Sampled By: Reggie Robinson
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: BDB
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			
1-19	4:12	CMT 1-1	Liquid	+		2	HCl	MEthane, Ethane, Ethene
↓	4:24	CM 1-2	↓	↓		↓	↓	↓

0023

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab
1 [signature] 1-19-04 17:00
2 [signature] 1/20/04 5:40pm
3 ____

Received by (signed) Date/Time
1 [signature] 1/20/04 5:00pm
2 [signature] 1/21/04 0930
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: Fedex
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: Kidade Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/19/04

Sampled By: Brad J. Baker

Sample Site: [illegible]

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

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BJB
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 ____

0024

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/19	2:20p	CNT 1-3	Aqueous	+		2	MCL	[illegible]
↓	1:45p	CNT 1-4	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/19/04 5:00pm 10 min Lab

2 [signature] 1/20/04 5:40pm

3

Received by (signed) Date/Time

1 [signature] 1/20/04 5:00pm

2 [signature] 1/21/04 0930

3

SHIPPING DETAILS

Air Bill #:

Method of Shipment: Fedex

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.

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP

Contact: Kidade Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/20/04

Sampled By: Brad J. Baker

Sample Site: Coliseum Blvd Plume

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

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: BJB
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			
1/20	1:45p	CMT 1-5	Aqueous	X		2	HCl	Methane, Ethane, Ethene
	3:55p	CMT 1-6	↓	↓		↓	↓	↓
↓	3:00p	CMT 1-7						

0025

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/20/04 5:40pm

2

3

Received by (signed) Date/Time

1 [signature] 1/21/04 0930

2

3

SHIPPING DETAILS 1/21/04 093

Air Bill #: PG 280

Method of Shipment: Fedex

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.

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

February 2, 2004

Ms. Kidada Dixon
TTL, Inc.
4154 Lomac ST.
Montgomery, AL 36106

FEB - 6 2004

Re: Laboratory Project No.: 24033
Case: 24033 ETR: 98368

Dear Ms. Dixon:

Enclosed are the analytical results for samples received by STL Burlington on January 28, 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: 01/28/04 ETR No: 98368		
559015	CMT 4-2	01/21/04	Aqueous
559016	CMT 4-3	01/21/04	Aqueous
559017	CMT 2-1	01/21/04	Aqueous
559018	CMT 4-4	01/21/04	Aqueous
559019	CMT 4-5	01/21/04	Aqueous
559020	CMT 4-6	01/22/04	Aqueous
559021	CMT 4-7	01/22/04	Aqueous
559022	MW-5A	01/23/04	Aqueous
559023	MW-206	01/23/04	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 test report, please contact Jeannine McCrumb at (802) 655-1203.

Sincerely,

Michael F. Wheeler, Ph.D.
Laboratory Director

Enclosure
MFW/jtw/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: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559017

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R031

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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_4-2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559015

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R011

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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_4-3

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559016

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R021

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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	2.9	
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: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559018

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R041

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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_4-5

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559019

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R051

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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	6.9	
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: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559020

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R061

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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_4-7

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559021

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R071

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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	2.3	
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-206

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559023

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R091

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: 559022

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041407-R081

Level: (low/med) LOW Date Received: 01/28/04

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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	100	
74-84-0	Ethane	4.0	U
74-85-1	Ethene	3.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

ABLKM2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: ABLKM2

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041129-R041

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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.

M2LCS

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: M2LCS

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041129-R021

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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	80	
74-84-0	Ethane	150	
74-85-1	Ethene	140	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

M2LCSD

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix: (soil/water) WATER Lab Sample ID: M2LCSD

Sample wt/vol: _____ (g/mL) ML Lab File ID: 30JAN041129-R031

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 01/30/04

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	150	
74-85-1	Ethene	140	

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Matrix Spike - Sample No.: M2LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Methane	73		80	110	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	76	104	6	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.

ABLKM2

Lab Name: STL BURLINGTON Contract: 24033

Lab Code: STLVTB Case No.: SAS No.: SDG No.: 98368

Lab File ID: 30JAN041129-R041 Lab Sample ID: ABLKM2

Date Analyzed: 01/30/04 Time Analyzed: 1152

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	M2LCS	M2LCS	30JAN041129-	1141
02	M2LCSD	M2LCSD	30JAN041129-	1146
03	CMT_4-2	559015	30JAN041407-	1419
04	CMT_4-3	559016	30JAN041407-	1423
05	CMT_2-1	559017	30JAN041407-	1428
06	CMT_4-4	559018	30JAN041407-	1434
07	CMT_4-5	559019	30JAN041407-	1439
08	CMT_4-6	559020	30JAN041407-	1444
09	CMT_4-7	559021	30JAN041407-	1450
10	MW-5A	559022	30JAN041407-	1455
11	MW-206	559023	30JAN041407-	1500
12				
13				
14				
15				
16				
17				
18				
19				
20				
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: Kinsale Dixon

Mailing Address: _____

City, State, Zip: _____

Phone No.: _____

Date: 1/21/04

Sampled By: Brad J. Baker

Sample Site: Coliseum Blvd Plume

TTL Job No.: 0200-004 **Client P.O. #** _____

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: TTL
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			
1/21	3:45p	CAT 4-2	Aqueous	✓		3	HCl	Methane, Ethane, Ethene
1/21	4:30p	CAT 4-3	↓	↓		↓	↓	↓
00								

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO mm-Lab

1 _____ 1/22/04 5:00pm

2 _____ 1/27/04 9:30am

3 _____

Received by (signed) Date/Time

1 _____ 1/27/04 8:45am

2 _____

3 Angela Henry 01.28.04 1000

SHIPPING DETAILS

Air Bill #: _____

Method of Shipment: Fedex

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.

TTL Technology and Tradition

STL

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT - CBP

Contact: Kiclada Dixon

Mailing Address: 4154 Lomac St.

City, State, Zip: Montgomery AL 36106

Phone No.: (334) 244-0766

Date: 01.21.04

Sampled By: Reggie Robinson

Sample Site: Coliseum Blvd Home Investigation

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

1. Condition of Contents: Good
2. Sealed for Shipping By: STL
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			
1.21	9:57	CMT 2-1	Liquid	X		2	HCl	METHANE, ETHANE, ETHENE
↓	3:11	CMT 4-4	↓	↓		↓	↓	↓
↓	10:58	CMT 4-5	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1	1-21-04 17:30	1	1/22/04 8:45am
2	1/22/04 9:30am	2	
3		3	01.28.04/1000

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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.

TTL Technology and Tradition

STL

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT-CBP

Contact: Kelcie Dubose

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: (334) 244-0766

Date: 01-22-04

Sampled By: Reggie Robinson

Sample Site: Coliseum Blvd Phone Investigation

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

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: ~~BDS~~
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			
1/22	12:12	CMT 4-6	Liquid	X		2	HCl	Methane, Ethane, Ethene
R	1:33	CMT 4-7	↓	↓		↓	↓	↓
e								

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mark Lab

1 [signature] 1-22-04 17:30

2 [signature] 1/23/04 9:30

3 ____

Received by (signed) Date/Time

1 [signature] 1/23/04 8:45

2 ____

3 Angela Henley 01.28.04 1000

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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.

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: 1/23/04

Sampled By: Brad J. Baker

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: BJB
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			
1/23	2:55p	MW-5A	Aqueous	+		2	HCl	Methane, Ethane, Ethene
↓	4:30p	MW-206	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab

1 [signature] 1/23/04 5:20pm

2 [signature] 1/27/04 8:30am

3 ____

Received by (signed) Date/Time

1 [signature] 1/27/04 8:45am

2 ____

3 Angela Henry 01/28/04 1000

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: Fedex

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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CP-1
TTL Lab Number: 040126030.003A
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:	33.4	
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CP-2
TTL Lab Number: 040126030.004A
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:	17.2	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.

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: CP-3
TTL Lab Number: 040126030.005A
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:	4.3	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.

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MP-1
TTL Lab Number: 040126030.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.1	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:	5.5	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:	19.9	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
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.

Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 31, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Surface Water
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: MP-2
TTL Lab Number: 040126030.002A
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:	45.8	
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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TTL WORK ORDER NUMBER
040126030

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kudada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-23-04
Sampled By: Reggie Robinson
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: 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: Fed
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			
01-23	2:15	MP-1	Liquid	X		3	HCl	VOC
	2:30	MP-2						
	2:45	CP-1						
	3:00	CP-2						
↓	3:15	CP-3	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1 1-23-04 17:00
2 1-26-04 09:30
3 1-26-04 2:55pm

Received by (signed) Date/Time

1 1-26-04 09:00
2 1-26-04 2:45pm
3

SHIPPING DETAILS

Air Bill #: 3015953105
Method of Shipment: BUS
Received By Lab:
Date/Time 012604 1455

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: January 22, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: TW01.22.04-1
TTL Lab Number: 040126031.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.5	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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 22, 2004
Date Analyzed: February 2, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: TW01.22.04-3
TTL Lab Number: 040126031.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.1	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:	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: January 22, 2004
Date Analyzed: February 2, 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: 040126031.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.4	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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TTL WORK ORDER NUMBER
040126 031

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: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01-22-04
Sampled By: Reggie Robinson
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: 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: 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			
01-22	12:12	CMT 4-6	Liquid	X		3	HCl	VOC
	1:33	CMT 4-7						
	—	Blanks for CMT 4-6, 4-7						
	12:12	CMT 4-6				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	1:33	CMT 4-7						
	12:12	CMT 4-6				1	HNO_3	T-Fe
	1:33	CMT 4-7						
1-22	16:30	TW 01-22-04-1	Liquid	X		4	HCl	VOC
	16:32	TW 01-22-04-3						
	—	Blanks for TW 01-22-04-1, 3				3		

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed)	Date/Time	Received by: (signed)	Date/Time
1	To Montg. Lab	1-22-04 17:30		1-26-04 09:00
2		1-26-04 09:30		1-26-04 2:45pm
3		1-26-04 2:55pm		

SHIPPING DETAILS

Air Bill #: 301595305
Method of Shipment: BUS
Received By Lab:
Date/Time 012604 1455

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: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: A 8"
TTL Lab Number: 040130011.001A
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:	8.4	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:	3.1	J
M,P-Xylenes:	14.7	J
O-Xylene:	4.2	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.

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: B 8"
TTL Lab Number: 040130011.002A
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:	3.0	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:	4.0	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:	7.3	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

The sample was 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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: C 8"
TTL Lab Number: 040130011.003A
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:	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:	9.0	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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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: D 8
TTL Lab Number: 040130011.004A
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	3.2	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
Ethyl Benzene	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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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR, GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: E 8"
TTL Lab Number: 040130011.005A
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:	8.0	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:	12.9	J
O-Xylene:	3.7	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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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: F 8"
TTL Lab Number: 040130011.006A
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:	3.5	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:	6.0	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

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V. Jesse Burns, Chemist

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: G 8"
TTL Lab Number: 040130011.007A
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:	3.3	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:	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

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V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: H 8"
TTL Lab Number: 040130011.008A
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:	4.1	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:	7.1	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

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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: I 8"
TTL Lab Number: 040130011.009A
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:	4.1	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:	5.2	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

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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel(RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: J 8"
TTL Lab Number: 040130011.010A
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:	5.7	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:	5.0	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

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V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: K 8"
TTL Lab Number: 040130011.011A
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:	3.4	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:	5.2	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

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V. Jesse Burns, Chemist

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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: L 8"
TTL Lab Number: 040130011.012A
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:	3.5	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:	3.3	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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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: M 8"
TTL Lab Number: 040130011.013A
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:	4.2	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:	6.7	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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: N 8"
TTL Lab Number: 040130011.014A
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:	3.2	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:	5.3	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

The sample was 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.

Client: Alabama Department of Transportation
Sample Date: March 9, 2004
Date Analyzed: March 18, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (WGM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: O-15"
TTL Lab Number: 040310032.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	6.3	J
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	35.4	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:	104	
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	5.5	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:	3.0	ND
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.

TTL WORK
ORDER NUMBER
040310 032

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 36106
Phone No.: 334-244-0766
Date: 3-9-04
Sampled By: WGM
Sample Site: LOW LYING AREAS
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: Fce
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			
3-9-04	1:pm	0-15"	SOIL	✓		3	ICE	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 [signature] 3/9/04 2:30pm
2 [signature] 3-9-04 17:00hrs
3 [signature] 3-10-04 9:40

Received by (signed) Date/Time
1 [signature] 3-9-04 16:30hrs
2 [signature] 3-10-04 9:30
3

SHIPPING DETAILS

Air Bill #: 3016923228
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 031004 0940

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: January 29, 2004
Date Analyzed: February 5, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: P 8"
TTL Lab Number: 040130011.016A
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:	12.2	J
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:	3.0	ND
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.

TTL WORK ORDER NUMBER
040130011

TTL Technology and Tradition

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: 334 244-0766
Date: 01.29.04
Sampled By: Reggie Robinson Greg Mellr
Sample Site: Low Line Area CBP
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.: Ic °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			
1.29	12:11	A 8"	Solid	+		4	Ice	VOC
	1:45	B						
	1:58	C						
	11:45	D						
	12:00	E						
	2:15	F						
	2:30	G						
	2:45	H						
	3:15	I						
	3:05	J						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 1-29-04 18:30
2 1-30-04 9:40
3

Received by: (signed) Date/Time
1 1-30-04 9:30
2
3

SHIPPING DETAILS

Air Bill #: 3016041864
Method of Shipment: BUS
Received By Lab:
Date/Time 1-30-04 0940

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 - CBP
Contact: Kicheda Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: 334 244-0766
Date: 01.29.04
Sampled By: Reggie Robinson Greg Meeks
Sample Site: Low Line Area CBP
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	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1-29	2:57pm	K 8'	Solid	X		4	Ice	VOC
	3:35pm	L						
	3:25	M						
	11:00	N						
	11:30	O						
↓	11:10	P	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 1-29-04
2 1-30-04 9:30
3

Received by: (signed) Date/Time
1 1-30-04 9:30
2
3

SHIPPING DETAILS

Air Bill #: 301604864
Method of Shipment: BUS
Received By Lab:
Date/Time 013004 0940

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: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: A
TTL Lab Number: 040130012.001A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: B
TTL Lab Number: 040130012.002A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: C
TTL Lab Number: 040130012.003A
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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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: D
TTL Lab Number: 040130012.004A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: E
TTL Lab Number: 040130012.005A
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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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: F
TTL Lab Number: 040130012.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.2	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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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: G
TTL Lab Number: 040130012.007A
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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Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: H
TTL Lab Number: 040130012.008A
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:	1.1	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

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Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: I
TTL Lab Number: 040130012.009A
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:	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

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V. Jesse Burns, Chemist

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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: January 29, 2004
Date Analyzed: February 3, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: J
TTL Lab Number: 040130012.010A
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

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V. Jesse Burns, Chemist

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR, GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: K
TTL Lab Number: 040130012.011A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	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	10.7	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

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR, GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: L
TTL Lab Number: 040130012.012A
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	4.6	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: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR, GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: M
TTL Lab Number: 040130012.013A
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: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR, GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: N
TTL Lab Number: 040130012.014A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	3.2	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:	15.2	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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: O
TTL Lab Number: 040130012.015A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	4.5	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:	6.9	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:	31.8	
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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Technology and Tradition

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 29, 2004
Date Analyzed: February 4, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: P
TTL Lab Number: 040130012.016A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.3	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:	25.0	
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.

TTL WORK ORDER NUMBER
040130012

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 1.29.04
Sampled By: Reggie Robinson Greg Meeks
Sample Site: Low Line Area CBP
TTL Job No.: 0780.024 **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: good Ice
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			
1.29	12:16	A	Liquid	X		3	HCl	VOC
	1:45	B						
	1:58	C				2		
	11:45	D				3		
	1200	E						
	2:15	F						
	2:30	G						
	2:40	H						
	3:15	I						
	3:05	J						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1 1.29.04 18:30
2 1-30-04 9:30
3

Received by: (signed) Date/Time
1 1-30-04 9:30
2
3

SHIPPING DETAILS

Air Bill #: 301604184 4
Method of Shipment: BUS
Received By Lab:
Date/Time 01384 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, 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: AL DOT - CBP
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery AL 36106
Phone No.: 334 244-0766
Date: 1.29.04
Sampled By: Reggie Robinson Greg Meeks
Sample Site: Low Line Area CBP
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.: Ice °C Seal Applied Yes ____ No ____
4. Sampling Status: Complete Expected Completion Date ____
5. Custody Seal Intact Upon Receipt by Laboratory: Yes 4 No ____
6. Condition of Contents: Jug Ice
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			
1.29	2:56	K	Liquid	X		3	HCl	VOC
↓	3:35	L	↓	↓		↓	↓	↓
	3:25	M						
	11:00	N						
	11:30	O						
↓	11:10	P	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. [signature] 1.29.04 18:30
2. [signature] 1-30-04 9:40
3. ____

Received by (signed) Date/Time
1. [signature] 1-30-04 9:30
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: 3016041864
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 1/30/04 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, 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

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Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040106021.002A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 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 (MW-136A,Rinse)
TTL Lab Number: 040106021.003A
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.

TTL WORK ORDER NUMBER
040106 021

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: 1/5/04
Sampled By: Brad J. Baker
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: [signature]
3. Initial Contents Temp.: 2.6 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			
1/5	1:45pm	mw-136A	Aqueous	x		3	HCl	VOC
↓	11:40am	Pump Rinse 1	↓	↓		2	↓	↓
—	—	Blank/mw-136A				3		
↓	1:45pm	mw-136A				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time

1 [signature] 1/5/04 3:10pm
2 [signature] 1-6-04 ~~12:10~~ 11:10AM
3 ____

Received by (signed) Date/Time

1 [signature] 1-6-04 8:20AM
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 010604 11:10

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.

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

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 7, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040106024.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.0	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
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.

Client: Alabama Department of Transportation
Sample Date: January 5, 2004
Date Analyzed: January 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 (MW-236B,Rinse)
TTL Lab Number: 040106024.003A
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
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.

TTL WORK ORDER NUMBER
040106 024

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: 01.05.04

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: CAW
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			
1.05	1:05	MW 236 B	Liquid	X		3	HCl	VOC
↓	—	Blank MW 236 B	↓	↓		↓	↓	↓
	11:30	Bladder Pump Rinse 2				2		
↓	1:05	MW 236 B				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Mont. Lab

1. [signature] 1.5.04 14:50
2. [signature] 1-6-04 ~~12:10 PM~~ 11:10 AM
3. ____

Received by (signed) Date/Time

1. [signature] 1-6-04 8:00 AM
2. ____
3. ____

SHIPPING DETAILS

Air Bill #: ____

Method of Shipment: FTL

Received By Lab: [signature]

Date/Time 010604 11:10am

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

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040107042.004A
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.

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 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-236C,103,203,Rinse)
TTL Lab Number: 040107042.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.4	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
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.

TTL WORK ORDER NUMBER
040107 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: 1/6/04

Sampled By: Brad J. Barber

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: CAB
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			
1/6	11:30a	MW-236C	Aqueous	✓		3	HCl	VOC
	1:40p	MW-103						
	4:30p	MW-203						
	—	Blank/MW-236C, 103, 203						
	10:00a	Pump Rinse 1				2		
	11:30a	MW-236C				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	1:40p	MW-103						
	4:30p	MW-203						

CUSTODY TRANSFERS PRIOR TO SHIPPING

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

1. 1/6/04 5:30pm — 1-7-04 8:45AM
2. 1-7-04 9:50AM — 1/7/04 315
3. 1/7/04 330 — 3.

SHIPPING DETAILS

Air Bill #: 301553974

Method of Shipment: BUS

Received By Lab:

Date/Time 1/07/04 53

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.

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 8, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040107047.002A
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.

TTL
Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 6, 2004
Date Analyzed: January 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-102,Rinse)
TTL Lab Number: 040107047.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	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
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.

TTL WORK
ORDER NUMBER
040107 047

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: 01·06·04
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	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
01·06	2:10	MW-102	Liquid	X		3	HCl	VOC
↓	↓	Blank MW-102	↓	↓		3	↓	↓
↓	↓	Bladder Pump Rinse 2	↓	↓		2	↓	↓
↓	↓	MW-102	↓	↓		1	HNO_3	T-FE
↓	↓	MW-102	↓	↓		1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg LAB
1 [signature] 1·6·4· 17:30
2 [signature] 1-7-04 9:50 AM
3 [signature] 1/7/04 330

Received by (signed) Date/Time
1 [signature] 1-7-04 8:45 AM
2 [signature] 1/7/04 315
3

SHIPPING DETAILS

Air Bill #: 3015539714
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 010704 1538

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: January 7, 2004
Date Analyzed: January 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040108006.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.4	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
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.

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 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-101,201,Rinse)
TTL Lab Number: 040108006.004A
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
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.

TTL WORK ORDER NUMBER
040108 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: 1/7/04

Sampled By: Brad T. Baker

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: CW
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			
1/7	1135p	MW-101	Aqueous	X		3	HCl	VOC
	2150p	MW-201	↓	↓		↓	↓	↓
	—	Blanks				↓	↓	↓
	1155p	Purge Rinse 1				2	↓	↓
	1135p	MW-101				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
↓	2150p	MW-201	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 1/7/04 3:55pm	1-7-04 4:10 PM
2 1-7-04 4:55PM	1-8-04 9:20
3 1-8-04 9:30	

SHIPPING DETAILS

Air Bill #: 301555 3618

Method of Shipment: BUS

Received By Lab:

Date/Time 01080 4 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, 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: January 7, 2004
Date Analyzed: January 9, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040108017.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	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
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.

TTL
Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 7, 2004
Date Analyzed: January 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-202,3A,Rinse)
TTL Lab Number: 040108017.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.8	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
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.

TTL WORK ORDER NUMBER
040108017

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: 01.07.04
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:
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			
01-07	12:25	MW 202	liquid	X		3	HCl	VOC
↓	—	Blank MW 202, 3A	↓	↓		3		
	1:00	Bladder Pump Rinse 2				2		
	3:15	MW 3A				3		
	12:25	MW 202				1	Ice	Nitrate, Nitrate Sulfate, Alkalinity Chloride
	3:15	MW 3A				↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont. Lab

1 1-7-04 17:00
2 1-8-04 10:10
3

Received by (signed) Date/Time

1 1-9-04 08:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 01/08/04 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

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

Client: Alabama Department of Transportation
Sample Date: January 8, 2004
Date Analyzed: January 12, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB,RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040109069.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.1	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	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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 8, 2004
Date Analyzed: January 12, 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,206,Rinse)
TTL Lab Number: 040109069.004A
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.

TTL WORK ORDER NUMBER
040109 069

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kelda Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/8/04
Sampled By: Brad J. Baker, Reggie E. Robinson
Sample Site: Coliseum Blvd Alume
TTL Job No.: 0709-024 **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			
1/8	10:50a	MW-5A	Aqueous	✓		3	HCl	VOC
	4:20p	MW-206	↓	↓		↓	↓	↓
	—	Blanks/MW-5A, 206				↓		
	9:45a	Dup Blank 1				2	↓	
	10:50	MW-5A				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:20	MW-206					↓	↓
↓	4:20	MW-206	↓	↓		↓	H_2SO_4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1 1/8/04 5:15pm To mor Lab	1-9-04 8:50AM
2 1-9-04 9:50 AM	2 1-9-04 9:50
3 1-9-04 5:00	3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: BUS
Received By Lab:
Date/Time 010904 1700

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: January 9, 2004
Date Analyzed: January 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040112045.003A
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.

TTL
Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 13, 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-207,107,Rinse)
TTL Lab Number: 040112045.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	2.0	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
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.

TTL WORK
ORDER NUMBER
040112045

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Diton
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/9/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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: [illegible]
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			
1/9	1:15pm	MW-207	Aqueous	✓		3	HCl	VOC
↓	3:30p	MW-107	↓	↓		↓	↓	↓
	—	Blank/MW-207, 107						
	11:40a	Pump Rinse 1				2		
	1:15p	MW-207				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	3:30p	MW-107					↓	↓
	1:15p	MW-207					H_2SO_4	TOC
↓	3:30p	MW-107	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/9/04 4:45pm
2 [signature] 1-12-04 9:55AM
3 [signature] 1-12-04 3:45

Received by (signed) Date/Time
1 [signature] 1-12-04 9:18AM
2 [signature] 1-12-04 3:35
3

SHIPPING DETAILS

Air Bill #: 3015647790
Method of Shipment: BKS
Received By Lab: [signature]
Date/Time 011204 1545

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: January 9, 2004
Date Analyzed: January 13, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040112046.005A
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.

Client: Alabama Department of Transportation
Sample Date: January 9, 2004
Date Analyzed: January 13, 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,130,130 Dup,Rinse)
TTL Lab Number: 040112046.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	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.

TTL WORK ORDER NUMBER
040112046

TTL Technology and Tradition

Sheet 1 of 2

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kidada Dixon

Mailing Address: 4154 Lomac Street

City, State, Zip: Montgomery, AL 36106

Phone No.: (334) 244-0766

Date: 01·09·04

Sampled By: Reggie 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: [signature]
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			
01·09	12:30	MW106	Liquid	X		3	HCl	VOC
	↓	MW106 Dup	↓	↓		↓	↓	↓
	3:30	MW 130						
	↓	MW 130 Dup						
	—	Blank MW106, 130				↓		
	10:30	Bladder Pump Rinse 2				2	↓	
	12:30	MW106				1	Ice	Nitrate, Nitrate, Sulfate, Alkalinity, Chloride
	↓	MW 106 Dup				↓		↓
	3:30	MW 130						
↓	↓	MW-130 Dup	↓	↓		↓		

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
1 To Montg. Lab	1·09·04 16:30		1-12-04 9:18AM
2	1-12-04 9:54AM		1-12-04 3:35
3	1-12-04 3:45	3	

SHIPPING DETAILS

Air Bill #: 3015647790

Method of Shipment: BUS

Received By Lab: [signature]

Date/Time 01/12/04 1545

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.

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040114019.004A
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.

Technology and Tradition

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 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-230,235C,235C Dup, Rinse)
TTL Lab Number: 040114019.005A
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.

TTL WORK ORDER NUMBER
040114019

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St.
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01.12.04
Sampled By: Reggie Robinson
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: (KA)
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			
01.12	1:05	MW-230	Liquid	X		3	HCl	VOC
	4:10	MW-235C	↓	↓		↓	↓	↓
	↓	MW-235C Dup						
	—	Blanks - MW230, 235C & Dup				↓		
	10:00	Bladder Pump Rinse 2				2	↓	
	1:05	MW-230				1	Ice	Nitrate, Nitrite, Alkalinity Sulfate, Chloride
	4:10	MW-235C					↓	↓
	↓	MW-235C Dup						
↓	1:05	MW-230	↓	↓			H2SO4	TOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

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

1 To Montg Lab 01.12.04 1700 — 1-13-04 3:20 PM
2 1-13-04 4:15 PM — 1-14-04 5:20
3 1-14-04 9:30 — 3

SHIPPING DETAILS

Air Bill #: 301568592
Method of Shipment: BUS
Received By Lab:
Date/Time 011404 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, 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: January 12, 2004
Date Analyzed: January 17, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040114020.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.8	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.

Client: Alabama Department of Transportation
Sample Date: January 12, 2004
Date Analyzed: January 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-137A,237B,237C,Rinse)
TTL Lab Number: 040114020.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.3	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.

TTL WORK ORDER NUMBER
040114020

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/12/04
Sampled By: Brad T. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0709-024 **Client P.O. #**

1. Condition of Contents: Good
2. Sealed for Shipping By: BTB
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			
1/12	12:30p	mw-137A	Aqueous	+		3	HCl	VOC
	4:35p	mw-237B						
	1:20p	mw-237C						
	—	Blank/mw-137A,237B,237C						
	10:15a	Pump Rinse				2		
	12:40p	mw-137A				2	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:35p	mw-237B						
	1:20p	mw-237C						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO Mont Lab

1 1/12/04 5:30pm
2 1-13-04 4:15PM
3 1-14-04 9:30

Received by (signed) Date/Time

1 1-13-04 3:20PM
2 1-14-04 9:20
3

SHIPPING DETAILS

Air Bill #: 301528 5992
Method of Shipment: BUS
Received By Lab:
Date/Time 011404 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 17, 2003
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040114046.004A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 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-138A,238B,238B Dup,Rinse)
TTL Lab Number: 040114046.005A
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

** 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.

TTL WORK ORDER NUMBER
040114046

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Sample Security Requirements

Client: ALDOT

Contact: Kidada Dixon

Mailing Address:

City, State, Zip:

Phone No.:

Date: 1/13/04

Sampled By: Brad Baker

Sample Site: Coliseum Blvd Pump

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

1. Condition of Contents: Good
2. Sealed for Shipping By: BW
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			
1/13	12:35p	MW-138A	Aqueous	X		3	HCl	VOC
	4:40p	MW-238B						
	↓	MW-238B Duplicate						
	—	Blank/MW-138A, 238B, 238B Duplicate						
	11:30a	Pump Base 1				2		
	12:35	MW-138A				1	None	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	4:40	MW-238B						
↓	↓	MW-238B Replicate	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To MAW Lab

1 1/13/04 5:30pm

2 1-14-04 9:50AM

3 MW 1-14-04 2:30

Received by (signed) Date/Time

1 1-14-04 9:10AM

2 MW 1-14-04 2:20

3

SHIPPING DETAILS

Air Bill #: 301569148

Method of Shipment: BUS

Received By Lab:

Date/Time 01404 1430

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.

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 20, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040114050.003A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 13, 2004
Date Analyzed: January 20, 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-135A,235B,Rinse)
TTL Lab Number: 040114050.004A
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.

TTL WORK ORDER NUMBER
040114050

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: 334 244-0766
Date: 01.13.04
Sampled By: Reggie Robinson
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: Client
3. Initial Contents Temp.: Iced °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			
01-13	12:10	MW-135A	Liquid	X		3	HCl	VOC
↓	3:15	MW-235B	↓	↓		↓	↓	↓
	—	BLANKS MW 135A, MW 235B				↓		
	09:00	Bladder Pump Rinse 2				2	↓	↓
	12:10	MW-135A				1	Ice	Nitrate, Nitrite Sulfate, Alkalinity, Chloride
↓	3:15	MW-235B	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. LAB

1 1.13.04 17:00

2 1-14-04 9:50AM

3 MW 1-14-04 2:30

Received by (signed) Date/Time

1 1-14-04 9:10AM

2 MW 1-14-04 2:20

3

SHIPPING DETAILS

Air Bill #: 3015699148
Method of Shipment: BUS
Received By Lab:
Date/Time 011404 1430

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.

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Date Analyzed: January 21, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (RR)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Bladder Pump Rinse 2
TTL Lab Number: 040116012.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane	1.3	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
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.

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

Client: Alabama Department of Transportation
Sample Date: January 14, 2004
Date Analyzed: January 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-238C,CMT 2-2,CMT 2-3,Rinse)
TTL Lab Number: 040116012.005A
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.

TTL WORK ORDER NUMBER
040116012

Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT-CBP
Contact: Kiclada Dixon
Mailing Address: 4154 Lomac St
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-14-04
Sampled By: Reggie Robinson
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: 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	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
01.14	12:55	MW-238C	liquid	x		3	HCl	VOC
↓	5:07	CMT 2-2	↓	↓		↓	↓	↓
	4:48	CMT 2-3						
	—	Blanks For MW-238C CMT-2-2 CMT-2-3						
	09:30	Bladder Pump Rinse 2				2	↓	
	12:55	MW-238C				1	Ice	Nitrate Nitrite, Sulfate, Alkalinity, Chloride
	5:07	CMT-2-2				↓	↓	↓
	4:48	CMT-2-3				↓	↓	
↓	4:48	CMT-2-3	↓	↓		1	HNO_3	1-FE

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To Montg. Lab

1. 1-14-04 18:00
2. 1-15-04 18:30
3. 1-16-04 9:30

Received by (signed) Date/Time

1. 1-15-04 17:30
2. 1-16-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 3015740750
Method of Shipment: BUS
Received By Lab:
Date/Time 01/16/04 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, 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

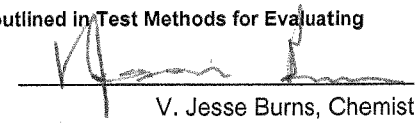
Construction Materials Engineering and Testing ■
Environmental Engineering and Consulting ■
Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 20, 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 2-6,CMT 2-7,CMT 3-3)
TTL Lab Number: 040116011.004A
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.

TTL WORK ORDER NUMBER
040116011

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/15/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Pump
TTL Job No.: 0709-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: RCL
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 Good No
6. Condition of Contents: Fed
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			
1/15	12:05pm	CMT 2-6	Aqueous	+		3	HCl	VOC
	2:05pm	CMT 2-7						
	4:00pm	CMT 3-3						
	—	Blank/CMT 2-6,2-7,3-3						
	12:05	CMT 2-6				1	none	Alkalinity, Chloride, Sulfate, Nitrate/Nitrite
	2:05	CMT 2-7						
	4:00	CMT 3-3						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. 1/15/04 5:20pm
2. 1/15/04 18:30
3. W 1-16-04 9:30

Received by (signed) Date/Time
1. 1/15/04 17:30
2. W 1-16-04 9:20
3.

SHIPPING DETAILS

Air Bill #: 301574075D
Method of Shipment: Bus
Received By Lab:
Date/Time 1-16-04 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Client: Alabama Department of Transportation
Sample Date: January 15, 2004
Date Analyzed: January 20, 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 2-4,CMT 2-5)
TTL Lab Number: 040116009.003A
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.

TTL WORK ORDER NUMBER
040116009

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01-15-04
Sampled By: Reggie Robinson
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: 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 Ice
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			
01-15	12:45	CMT 2-4	Liquid	X		3	HCl	VOC
	1:04	CMT 2-5						
	—	BLANK CMT 2-4 2-5						
	12:45	CMT 2-4				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	1:04	CMT 2-5						

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed)	Date/Time	Received by (signed)	Date/Time
	To Mont. Lab			
1		1-15-04 17:00		1-15-04 17:30
2		1-15-04 18:30		1-16-04 9:20
3		1-16-04 9:30		

SHIPPING DETAILS

Air Bill #: 3015740750
Method of Shipment: Bus
Received By Lab:
Date/Time 011604 0936

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: January 16, 2004
Date Analyzed: January 22, 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,CMT 3-6,CMT 3-7)
TTL Lab Number: 040120018.004A
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.

TTL WORK
ORDER NUMBER
040120018

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/16/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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.: 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			
1/16	2:05p	CMT 3-2	Aqueous	X		3	HCl	VOC
	12:35p	CMT 3-6						
	4:00p	CMT 3-7						
	—	Blank/CMT 3-2, 3-6, 3-7						
	2:05	CMT 3-2				1		Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	12:35	CMT 3-6						
	4:00	CMT 3-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time TO Mont Lab
1 [signature] 1/16/04 5:00pm
2 [signature] 1/20/04 12:30
3

Received by (signed) Date/Time
1 [signature] 1/20/04 10:00
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: Hand
Received By Lab: [signature]
Date/Time 1/20/04 1230

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: January 16, 2004
Date Analyzed: January 22, 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,CMT 3-5)
TTL Lab Number: 040120017.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.1	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:	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.

TTL WORK ORDER NUMBER
040120017

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: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 01.16.04
Sampled By: Reggie Robinson
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:
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: JAD
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			
01.16	12:04	CMT 3-4	Liquid	X		3	HCl	VOC
	2:48	CMT 3-5						
	—	Blanks CMT 3-4, 3-5						
	12:04	CMT 3-4				1	Ice	Nitrate, Nitrite, Sulfate, Alkalinity, Chloride
	2:48	CMT 3-5						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1. [signature] 1.16.04 17:00
2. [signature] 1-20-04 12:40
3.

Received by (signed) Date/Time

1. [signature] 1/20/04 10:00A
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab: [signature]
Date/Time 01/20/04 1240

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

Client: Alabama Department of Transportation
Sample Date: January 19, 2004
Date Analyzed: January 22, 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,CMT 1-2)
TTL Lab Number: 040120019.003A
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.

TTL WORK ORDER NUMBER
040120019

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kidada Dixon
Mailing Address: 4154 Lomac ST
City, State, Zip: Montgomery AL 36106
Phone No.: (334) 244-0766
Date: 1.19.04
Sampled By: Reggie Robinson
Sample Site: Coliseum Blvd Flume Investigation
TTL Job No.: 0200-024 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			
1.19	4:12	CMT 1-1	Liquid	X		3	HCl	VOC
↓	4:34	CMT 1-2	↓	↓		↓	↓	↓
↓	—	13 blanks for CMT 1-1, 1-2	↓	↓		↓	↓	↓
↓	4:12	CMT 1-1	↓	↓		1	Ice	Nitrate, Nitrate, Sulfate, Alkalinity, Chloride
↓	4:34	CMT 1-2	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg. Lab

1. 1-19-04 17:30
2. 1-20-04 12:40
3.

Received by (signed) Date/Time

1. 1/20/04 10:00
2.
3.

SHIPPING DETAILS

Air Bill #:
Method of Shipment:
Received By Lab:
Date/Time 01/20/04 1240

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: January 20, 2004
Date Analyzed: January 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 (CMT 1-5,CMT 1-6,CMT 1-7)
TTL Lab Number: 040121021.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.9	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.

TTL WORK
ORDER NUMBER
040121 021

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/20/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
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.: 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			
1/20	1:45p	CMT 1-5	Aqueous	✓		3	HCl	VOC
↓	3:55p	CMT 1-6	↓	↓		↓	↓	↓
	3:00p	CMT 1-7						
	←	Blank/CMT 1-5, 1-6, 1-7						
	1:45p	CMT 1-5				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	3:55p	CMT 1-6						
	3:00p	CMT 1-7						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time — To MOD Lab
1 [signature] 1/20/04 5:00pm
2 K. [signature] 1/21/04 10:22am
3

Received by (signed) Date/Time
1 K. [signature] 1/21/04 8:15am
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: [signature]
Received By Lab: [signature]
Date/Time 01/21/04 1022

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: January 21, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Ground Water
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank (CMT 2-1,CMT 4-4,CMT 4-5)
TTL Lab Number: 040122015.004A
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.

TTL WORK ORDER NUMBER
040122 015

TTL Technology and Tradition

Sheet ____ of ____

Chain of Custody Form

Client: ALDOT - CBP
Contact: Kiela da Dixon
Mailing Address: 4154 LOMAC St
City, State, Zip: Montgomery, AL 36106
Phone No.: (334) 244-0766
Date: 01-21-04
Sampled By: Reggie Robinson
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: CHW
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: JDL
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			
1-21	11:57	CMT 2-1	Liquid	X		3	HCl	VOC
	3:11	CMT 4-4						
	2:58	CMT 4-5						
	—	Blanks for CMT 2-1, 4-4, 4-5						
	11:57	CMT 2-1				1	Ice	Nitrate, Nitrite, Silicate, Chloride, Alkalinity
	3:11	CMT 4-4						
	2:58	CMT 4-5						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Montg Lab
1 1-21-04 17:30
2 1-22-04 12:00PM
3 ____

Received by (signed) Date/Time
1 1-22-04 9:10AM
2 ____
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: TTL
Received By Lab: ____
Date/Time 01-22-04 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, Telephone (256) 766-4622, FAX (256) 760-4626

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

Client: Alabama Department of Transportation
Sample Date: January 21, 2004
Date Analyzed: January 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 (CMT 4-2,CMT 4-3)
TTL Lab Number: 040122018.003A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	2.0	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	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.

TTL WORK
ORDER NUMBER
040122018

TTL Technology and Tradition

Sheet 1 of 1

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address:
City, State, Zip:
Phone No.:
Date: 1/21/04
Sampled By: Brad J. Baker
Sample Site: Coliseum Blvd Plume
TTL Job No.: 0700-024 **Client P.O. #**

Sample Security Requirements

1. Condition of Contents: Good
2. Sealed for Shipping By: CAW
3. Initial Contents Temp.: ICE4 °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	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
1/21	3:45p	CMT 4-2	Aqueous	+		3	HCl	VOC
↓	4:30p	CMT 4-3	↓	↓		↓	↓	↓
	—	Blank/CMT 4-2, 4-3						
	3:45p	CMT 4-2				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
↓	4:30p	CMT 4-3	↓	↓		↓	↓	↓

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/21/04 5:00 pm
2 [signature] 1-22-04 12:00 PM
3

Received by (signed) Date/Time
1 [signature] 1-22-04 9:10 AM
2
3

SHIPPING DETAILS

Air Bill #:
Method of Shipment: TTL
Received By Lab: [signature]
Date/Time 01/22/04 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, 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: January 23, 2004
Date Analyzed: January 30, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (BB)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Pump Rinse 1
TTL Lab Number: 040126029.003A
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.

TTL
Technology and Tradition

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

Client: Alabama Department of Transportation
Sample Date: January 23, 2004
Date Analyzed: January 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-5A,MW-206,Pump Rinse 1)
TTL Lab Number: 040126029.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.4	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. B = concentration of the compound was found above the detection limit in the laboratory blank sample. Blank = a reportable contaminant present. ND = concentration of the compound cannot be found at or above the detection limit.

TTL WORK
ORDER NUMBER
040126029

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: 1/23/04
Sampled By: Brad J. Baker
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: Good
7. Comments: Fee
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			
1/23	12:55p	MW-5A	Aqueous	X		3	HCl	VOC
↓	4:30p	MW-206	↓	↓		↓	↓	↓
		Blank/MW-5A, 206				2		
	11:40a	Pump Rinse 1				1	none	Alkalinity, Chloride, Sulfate, Nitrate, Nitrite
	12:55	MW-5A						
	4:30pm	MW-206						

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time To Mont Lab
1 [signature] 1/23/04 5:20pm
2 [signature] 1-26-04 09:30
3 [signature] 1-26-04 2:55pm

Received by (signed) Date/Time
1 [signature] 1-26-04 09:00
2 [signature] 1-26-04 2:45pm
3

SHIPPING DETAILS

Air Bill #: 3015953105
Method of Shipment: BUS
Received By Lab: [signature]
Date/Time 012604 1455

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.

microbialinsights

2340 Stock Creek Blvd.
Rockford TN 37853-3044
Phone (865) 573-8188
Fax: (865) 573-8133
Email: microbe@microbe.com

Microbial Analysis Report

Client: Kidada Dixon
TTL Inc
4154 Lomar Street
Montgomery, AL 36106

Phone: 334-244-0766

Fax: 344-244-6668

Email:

MI Identifier: 11AL **Date Rec.:** 12/12/03 **Report Date:** 12/18/03

Analysis Requested: BioDechlor Census

Project: ALDOT-CBP 0700-024

Comments:

All samples within this data package were analyzed under U.S. EPA Good Laboratory Practice Standards: Toxic Substances Control Act (40 CFR part 790). All samples were processed according to standard operating procedures. Test results submitted in this data package meet the quality assurance requirements established by Microbial Insights, Inc.

Reported by:

(Data Analyst)

Reviewed by:

(Director)

NOTICE: This report is intended only for the addressee shown above and may contain confidential or privileged information. If the recipient of this material is not the intended recipient or if you have received this in error, please notify Microbial Insights, Inc. immediately. The data and other information in this report represent only the sample(s) analyzed and are rendered upon condition that it is not to be reproduced without approval from Microbial Insights, Inc. Thank you for your cooperation.

microbialinsights

2340 Stock Creek Blvd.
Rockford TN 37853-3044
Phone (865) 573-8188
Fax: (865) 573-8133
Email: microbe@microbe.com

Microbial Analysis Report

Nucleic acid technology has initiated a new era in environmental microbiology by providing specific, sensitive detection of microorganisms from a variety of environments. Information can be obtained about the kinds of organisms present (phylogenetic assessment) and/or about the specific capabilities of the organisms present (functional assessment). This technology became an invaluable tool for detecting specific organisms and/or their functional genes. The only traditional limitation of one widely used nucleic acid technology, PCR, was that it was not quantitative. As technology advanced, this limitation was overcome, and quantitative (real-time) PCR is now possible. qPCR is possible through the combined use of specialized PCR reagents (e.g., TaqMan) and refined instrumentation. This advance is particularly useful for the bioremediation field because the population size (i.e., the number of particular organisms) can be determined, so population changes can be tracked over time or in response to a treatment.

For this sample set, DNA was extracted from each sample using MoBio DNA extraction kits. The number of 16S rRNA gene copies for *Dehalococcoides* spp. was determined using TaqMan chemistry and Bio-Dechlor Census technology[1]. The results from this analysis are presented in Table 1.

Table 1. Quantitative Real time PCR (qPCR) was used to determine the number of *Dehalococcoides spp.* gene copies in DNA extracted from each sample.

			Dehalococcoides spp. [A,B]
			Abundance
Sample Name	Date Sampled	Date Received	16S rRNA gene copies/mL
Negative control			ND
Positive control			4.04E+07
MW-109	12/10/03	12/12/03	ND
MW-131	12/10/03	12/12/03	ND
MW-231	12/10/03	12/12/03	ND
Pump Rinse	12/10/03	12/12/03	ND
Field Blank	12/10/03	12/12/03	ND
MW-106	12/11/03	12/12/03	ND
CMT 2-3	12/11/03	12/12/03	ND
Pump Rinse	12/11/03	12/12/03	ND
Field Rinse	12/11/03	12/12/03	ND

[A] Assuming *Dehalococcoides ethenogenes* contains single rRNA operon per genome, the value given also may represent the number of cells per mL or g of sample for bacteria in this phylogenetic group.

[B] The practical quantitation limit (PQL) is ~$5*10^2$ 16S rRNA gene copies per sample.

ND = Not Detected

E = Estimated gene copies below PQL (500 copies), but above LQL (100 copies)

I = Inhibited

[1] Bio-Dechlor Census technology was developed by Dr. Loeffler and colleagues at Georgia Institute of Technology and was licensed for use through Regenesis.

SiREM
Site Recovery & Management

130 Research Lane, Suite 2 Guelph, Ontario • N1G 5G3 • Canada • Tel: (519) 822-2265 • Fax: (519) 822-3151

31 December 2003 SiREM Ref: S-0137

Kidada Dixon
TTL Inc.
4154 Lomac Street
Montgomery AL
36106

Reference: Gene-Trac *Dehalococcoides* Assay Test Reference DT-0142

Dear Kidada Dixon:

This letter transmits the preliminary test results for 7 samples received from the ALDOT-CBP site on 12-Dec-03. You will receive a final hard copy by mail shortly. The samples were assessed using the Gene-Trac Quantitative *Dehalococcoides* testing method. The results indicate that DNA was successfully extracted from all samples (with the exception of one field blank) and that the extracted DNA was suitable for PCR amplification with universal primers.

With one exception all samples were below the detection limit for *Dehalococcoides* DNA. The one positive sample must be characterized as extremely weak being in the low 10^4 gene copies /liter range. Please note that counts in the 10^8 - 10^9 /liter range are not uncommon at sites with high concentrations of *Dehalococcoides*.

The data were reviewed to ensure completeness and that all quality control parameters met SiREM standards. If you have any questions or concerns regarding the attached results, please contact me toll-free at 1-866-251-1747 ext. 238, or by email at pdennis@siremlab.com.

We appreciate your business and we look forward to serving you again in the future.

Sincerely,
SiREM Laboratory

Phil Dennis, M.A.Sc.
Technology Manager

130 Research Lane, Suite 2 Guelph, Ontario • N1G 5G3 • Canada • Tel: (519) 822-2265 • Fax: (519) 822-3151

Test Results for Gene-Trac Quantitative *Dehalococcoides* Assay

Customer Contact: Kidada Diton

SiREM Reference #: DT-0142/ S-0137

Project : Aldot-CBP

Report Issued: 31-Dec-03

Date Sampled: 10-Dec-03

Date Received: 15-Dec-03

Matrix: Groundwater

The Gene-Trac Quantitative *Dehalococcoides* (DHC) test is a real-time quantitative polymerase chain reaction (PCR) test performed to quantify the concentration of the 16S ribosomal ribonucleic acid (rRNA) gene of *Dehalococcoides* organisms. A "*Dehalococcoides* 16 S rRNA Gene copies per liter" result above the detection limit indicates that DNA from a member of the DHC group was detected in the sample. DHC organisms are the only microorganisms capable of mediating complete dechlorination of chloroethenes (i.e. tetrachloroethene, trichloroethene, *cis*-dichloroethene, vinyl chloride) to ethene. The presence of DHC DNA has been correlated with complete dechlorination of chlorinated ethenes at contaminated sites.

Results Summary:

Customer Sample ID	SiREM ID	Date Extracted	Date Analyzed	*Dehalococcoides* 16S rRNA Gene Copies Per Liter
MW-109	DHC-0727	16-Dec-03	18-Dec-03	not detected (U 7500)
MW-131	DHC-0728	16-Dec-03	18-Dec-03	3.0×10^4
MW-231	DHC-0729	16-Dec-03	18-Dec-03	not detected (U 7500)
Field Blank (12/10/03)	DHC-0730	16-Dec-03	18-Dec-03	not detected (U 7500)
MW-106	DHC-0731	16-Dec-03	18-Dec-03	not detected (U 7500)
CMT2-3	DHC-0732	16-Dec-03	18-Dec-03	not detected (U 7500)
Field Blank (12/11/03)	DHC-0733	16-Dec-03	18-Dec-03	not detected (U 7500)

Notes:
U- not detected the associated value is the quantitation limit
J- associated value is an estimated quantity between the detection limit and quantitation limit

Detailed Test Parameters/ Normalization:

Sample ID	Groundwater Sample Volume Used (Liter)	[1]Template DNA Concentration (ng/µL)	[2] DNA Extraction/ PCR Control	[3] Primer Set Reaction			[4]DHC 16 S rRNA Gene Copies/Liter (Normalized To Total DNA)	Comments (Where Applicable)
				1	2	3		
MW-109	1.0	0.22	Positive	na	X	na		
MW-131	1.0	3.52	Positive	na	☑	na	na (as all other sample non-detect)	Weak positive verging on inconclusive
MW-231	1.0	0.27	Positive		X			
Field Blank (12/10/03)	1.0	0.23	Negative		X			
MW-106	1.0	< 0.1 ng/ul	Positive		X			
CMT2-3	1.0	2.10	Positive		X			
Field Blank (12/11/03)	1.0	< 0.1 ng/ul	Positive		X			

Laboratory Controls	Description	Expected DHC 16S rRNA Gene Copies per Reaction	Measured DHC 16S rRNA Gene Copies per Reaction	[3] Primer Set Reaction			Comments
				1	2	3	
Positive Control Low [ ]	Assay with cloned DHC gene (5000 copies)	5.0×10^3	4.7×10^3	na	☑	na	Acceptable
Positive Control high [ ]	Assay with cloned DHC gene (500,000 copies)	5.0×10^5	4.5×10^5	na	☑	na	Acceptable
DNA extraction blank	DNA extraction sterile water (DB-0104)	0	Not detected	na	x	na	Normal
Negative control	*E. coli* DNA	0	Not detected	na	x	na	Normal

Analyst: Kaiguo Mo, Ph.D.

Reviewed by: _____

Philip Dennis, M.A.Sc.
Technology Manager

Notes:

DHC - *Dehalococcoides*
16 S rRNA Gene - 16 S ribosomal ribonucleic acid gene
ng - nanograms
na – not applicable

DNA - Deoxyribonucleic Acid
PCR - Polymerase Chain Reaction
µL - microliter

U- not detected the associated value is the quantitation limit
J- the associated value is an estimated quantity between the quantitation limit and the detection limit
[1]DNA concentration derived from the soil or groundwater in nanograms per microliter (ng/µL).
This DNA is used as a template in the quantitative PCR reactions.

[2] Assessment for presence of PCR amplifiable *Bacteria* DNA using universal primers.

[3] PCR Primers that exhibited positive or negative reactions
x - primer set negative
✓- primer set positive
☑ - primer set used for quantification of DHC in sample (strongest +ve)

[4] Normalized DHC 16 S rRNA gene copy count using total DNA extracted from sample. This normalization may, in certain cases, correct for sampling variability in which differences in DHC count are caused solely by variations in the amount of total biomass collected.

MONITORING WELL SAMPLING FORMS

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Bates

Date: 1/5/04 **Well No.:** MW-136A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.71	25	cloudy rain 60's	39	25

Dissolved Oxygen (mg/L)	Begin Reading:	5.75	Time:	11:20	End Reading:	6.47	Time:	1:40
Redox (mV)	Begin Reading:	624	Time:	11:20	End Reading:	612	Time:	1:40
Iron (mg/L)	Fe (II):	<.50	Time:	1:59	Fe (Total):	<.50	Time:	1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20	19.48	46	4.70	>440
11:30	19.33	46	4.61	148
11:40	20.03	48	4.53	56.3
11:50	19.96	48	4.53	33.3
12:00	19.81	50	4.53	30.5
12:10	19.62	50	4.53	34.8
12:20	19.43	50	4.53	33.1
12:30	18.95	51	4.54	24.8
12:40	19.48	51	4.52	11.1
12:50	19.37	51	4.61	11.4
1:00 pm	19.26	50	4.61	6.3
1:10	19.13	50	4.60	9.3
1:20	20.12	51	4.53	7.6
1:30	20.08	51	4.51	4.7
1140	19.98	51	4.52	2.1

Comments: Sampled @ 1:45pm

Verified by: [signature] **Date:** 1/9/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/6/04 **Well No.:** MW-236C **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.23	39	Sunny 40's	41	18.5

Dissolved Oxygen (mg/L)	Begin Reading:	7.02	Time:	10:35	End Reading:	6.54	Time:	11:25
Redox (mV)	Begin Reading:	835	Time:	10:35	End Reading:	747	Time:	11:25
Iron (mg/L)	Fe (II):	<.50	Time:	11:35	Fe (Total):	<.50	Time:	11:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35	18.98	53	5.55	412
10:45	19.20	51	4.80	127
10:55	19.28	51	4.78	32.8
11:05	19.38	52	4.79	7.4
11:15	19.34	51	4.80	5.6
11:25	19.21	52	4.78	3.8

Comments: Sampled @ 11:30am

Verified by: KMK **Date:** 1/9/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Usher

Date: 1/6/04 **Well No.:** mw-103 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
13.77	17.95	Sunny 40s	40	2.5

Dissolved Oxygen (mg/L)	Begin Reading:	6.58	Time:	12:15	End Reading:	*	Time: *
Redox (mV)	Begin Reading:	670	Time:	12:15	End Reading:	*	Time: *
Iron (mg/L)	Fe (II):	<.50	Time:	1:45	Fe (Total):	<.50	Time: 1:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:15	16.88	91	4.72	>440
12:20	17.98	90	4.89	88.2
12:25	18.74	96	4.89	>440
12:30	18.18	94	4.95	344
	well dry			

Comments: * Well dry - end readings not available.

Sampled @ 1:40pm.

Verified by: [signature] **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/6/04 Well No.: MW-203 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.13	33.66	sunny 40s	42	37

Dissolved Oxygen (mg/L)	Begin Reading:	7.30	Time:	2:15	End Reading:	5.79	Time:	4:25
Redox (mV)	Begin Reading:	575	Time:	2:15	End Reading:	609	Time:	4:25
Iron (mg/L)	Fe (II):	<.50	Time:	4:35	Fe (Total):	<.50	Time:	4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15	19.77	63	4.54	>440
2:25	19.89	65	4.23	88.8
2:35	18.90	65	4.33	42.3
2:45	18.86	66	4.25	36.1
2:55	19.62	64	4.27	50.5
3:05	19.69	65	4.26	46.2
3:15	19.70	65	4.27	38.7
3:25	18.85	66	4.30	32.4
3:35	19.84	66	4.25	22.4
3:45	19.88	66	4.28	20.7
3:55	19.85	66	4.28	17.4
4:15	19.79	67	4.29	10.8
4:25	19.60	66	4.31	5.3

Comments: Sampled @ 4:30pm

Verified by: KMcK Date: 4/9/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Bates

Date: 1/7/04 **Well No.:** MW-101 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
7.94	12.5	sunny 40s	41	13

Dissolved Oxygen (mg/L)	Begin Reading:	7.50	Time:	11:45	End Reading:	5.00	Time:	1:30
Redox (mV)	Begin Reading:	894	Time:	11:45	End Reading:	694	Time:	1:30
Iron (mg/L)	Fe (II):	<.50	Time:	1340	Fe (Total):	<.50	Time:	1:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:45	16.26	54	4.80	371
12:00	16.56	78	4.37	142
12:10	16.88	71	4.24	15.3
12:20	17.00	66	4.23	13.3
12:30	17.73	55	4.21	117
12:40	16.82	58	4.29	36.9
12:50	15.41	56	4.28	13.2
1:00	15.55	56	4.30	3.5
1:10	17.23	61	4.29	3.5
1:20	17.62	63	4.27	2.4
1:30	17.74	62	4.26	2.2

Comments: Sampled @ 1:35pm

Verified by: [signature] **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/7/04 Well No.: MW-201 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
8.15	27.93	sunny 40's	42	20

Dissolved Oxygen (mg/L)	Begin Reading: 5.93	Time: 2:05	End Reading: 5.98	Time: 2:45
Redox (mV)	Begin Reading: 559	Time: 2:05	End Reading: 605	Time: 2:45
Iron (mg/L)	Fe (II): 1.50	Time: 2:55	Fe (Total): 1.50	Time: 3:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:05	19.61	67	5.09	249
2:15	20.11	62	4.82	12.9
2:25	19.83	63	4.81	5.6
2:35	20.14	63	4.81	3.8
2:45	19.99	63	4.80	2.9

Comments: Sampled @ 2:50 pm

Verified by: [signature] Date: 1/9/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 1/8/04 **Well No.:** MW-3A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.22	28.6	clear 70's	41	12.5

Dissolved Oxygen (mg/L)	Begin Reading:	1.95	Time:	9:55	End Reading:	1.05	Time:	10:45
Redox (mV)	Begin Reading:	620	Time:	9:55	End Reading:	399	Time:	10:45
Iron (mg/L)	Fe (II):	5.25	Time:	10:55	Fe (Total):	5.25	Time:	11:00

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:55	16.75	59	5.97	>440
10:05	18.68	57	5.72	181
10:15	18.91	61	5.67	11.1
10:25	18.86	59	5.69	7.7
10:35	18.64	58	5.71	5.2
10:45	18.04	58	5.71	2.8
Fe II 20mL to 100mL =		1.05 ppm		
Fe total 20mL to 100mL =		1.05 ppm		

Comments: Sampled @ 10:50am

Verified by: K Dixon **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker, Reggie Robinson

Date: 1/8/04 **Well No.:** MW-206 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.76	54.5	cloudy light rain 30's/40's	42	63

Dissolved Oxygen (mg/L)	Begin Reading:	5.06	Time:	11:45	End Reading:	4.59	Time:	4:15
Redox (mV)	Begin Reading:	365	Time:	11:45	End Reading:	570	Time:	4:15
Iron (mg/L)	Fe (II):	<.50	Time:	4:25	Fe (Total):	<.50	Time:	4:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:45	19.02	135	9.83	41.5
11:55	19.05	102	9.07	17.6
12:05	19.26	96	8.65	12.8
12:15	19.87	92	8.22	16.8
12:25	18.99	87	7.21	12.6
12:55	19.12	87	6.81	8.7
1:15	18.66	87	6.51	5.6
1:35	19.05	86	6.36	4.3
1:55	19.03	84	6.26	3.4
2:15	19.30	82	6.06	2.8
2:35	17.95	81	6.00	2.3
2:55	18.74	80	5.95	2.3
3:15	19.23	79	5.90	2.2
3:35	19.05	79	5.85	1.9
3:55	18.56	76	5.82	2.2
4:15	18.55	75	5.80	1.7

Comments: Sampled @ 4:20pm

Sample TOC

Verified by: KDixon **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/9/04 **Well No.:** MW-207 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.95	67.5	cloudy 40's	43	35

Dissolved Oxygen (mg/L)	Begin Reading:	6.30	Time:	11:50	End Reading:	3.23	Time:	1:10
Redox (mV)	Begin Reading:	617	Time:	11:50	End Reading:	574	Time:	1:10
Iron (mg/L)	Fe (II):	<.50	Time:	1:20	Fe (Total):	<.50	Time:	1:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:50 am	20.09	96	5.97	23.4
12:00	20.24	82	5.54	11.5
12:10	20.33	78	5.46	9.5
12:20	20.32	75	5.37	5.8
12:30	20.23	75	5.32	4.8
12:40	20.26	72	5.30	4.3
12:50	20.20	70	5.25	4.8
1:00	20.35	70	5.22	5.0
1:10	20.27	69	5.19	5.0

Comments: Sampled @ 1:15pm

Sampled TOC

Verified by: K DIXON **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/9/04 **Well No.:** mw-107 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.87	35	Cloudy 40's	42	25

Dissolved Oxygen (mg/L)	Begin Reading:	7.24	Time:	2:15	End Reading:	6.96	Time:	3:25
Redox (mV)	Begin Reading:	497	Time:	2:15	End Reading:	598	Time:	3:25
Iron (mg/L)	Fe (II):	<.50	Time:	3:35	Fe (Total):	<.50	Time:	3:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:15	17.69	113	5.61	>440
2:25	19.98	71	5.13	62.5
2:35	19.74	70	5.06	38.2
2:45	19.96	69	5.02	26.8
2:55	19.97	68	4.98	21.8
3:05	19.92	67	4.97	16.0
3:15	19.78	66	4.94	7.4
3:25	19.53	66	4.92	6.1

Comments: Sampled @ 3:30 pm

Sampled TOC

Verified by: KDixon **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/12/04 **Well No.:** MW-137A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.44	37	sunny 40's	42	17

Dissolved Oxygen (mg/L)	Begin Reading:	6.09	Time:	10:25	End Reading:	6.71	Time:	11:55
Redox (mV)	Begin Reading:	745	Time:	10:25	End Reading:	570	Time:	11:55
Iron (mg/L)	Fe (II):	<.50	Time:	12:05	Fe (Total):	<.50	Time:	12:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:25 AM	18.23	177	6.82	31.6
10:35	17.70	99	5.65	7.3
10:45	17.27	88	5.39	3.5
10:55	17.96	80	5.16	1.6
11:05	18.15	84	5.21	1.1
11:15	18.02	81	5.17	1.3
11:25	18.62	80	5.12	1.2
11:35	18.60	78	5.02	1.2
11:45	18.91	77	5.00	1.2
11:55	18.70	77	5.00	0.7

Comments: Sampled @ 12:10pm

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/12/04 **Well No.:** MW-237C **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.55	53	Sunny 50's	43	19

Dissolved Oxygen (mg/L)	Begin Reading:	5.54	Time:	12:25	End Reading:	5.32	Time:	1:15
Redox (mV)	Begin Reading:	468	Time:	12:25	End Reading:	548	Time:	1:15
Iron (mg/L)	Fe (II):	2.50	Time:	1:25	Fe (Total):	2.50	Time:	1:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:25pm	18.97	111	5.42	968 >440
12:35	19.43	94	4.86	22.4
12:45	19.53	93	4.79	10.2
12:55	19.54	94	4.76	4.6
1:05	19.61	93	4.74	4.2
1:15	19.40	94	4.72	3.2

Comments: Sampled @ 1:20pm

Verified by: KDK **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Ritter

Date: 1/12/04 **Well No.:** MW-237B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
17.47	46	Sunny 50's	43	82.5

Dissolved Oxygen (mg/L)	Begin Reading: 5.65	Time: 1145	End Reading: 8.07	Time: 4:30
Redox (mV)	Begin Reading: 506	Time: 1:45	End Reading: 547	Time: 4:30
Iron (mg/L)	Fe (II): <.50	Time: 4:35	Fe (Total): <.50	Time: 4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:45 pm	20.01	134	5.89	DTB 3.2 >440
1:55	19.60	125	5.96	>440
2:05	19.54	130	6.03	>440
2:15	19.66	122	5.76	>440
2:35	19.74	110	5.59	347
2:55	19.48	107	5.55	250
3:15	19.29	103	5.51	206
3:35	19.40	101	5.48	170
3:55	19.35	98	5.45	126
4:15	19.23	96	5.40	121
4:20	19.16	96	5.40	108
4:25	19.28	96	5.39	114
4:30	19.26	95	5.38	110

10

Comments: Sampled @ 4:35pm

Verified by: K Dixon **Date:** 1/16/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/13/04 **Well No.:** MW-138A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.73	39	partly cloudy 50's	43	10

Dissolved Oxygen (mg/L)	Begin Reading:	3.02	Time:	11:40	End Reading:	4.16	Time:	12:30
Redox (mV)	Begin Reading:	616	Time:	11:40	End Reading:	520	Time:	12:30
Iron (mg/L)	Fe (II):	<.50	Time:	12:40	Fe (Total):	<.50	Time:	12:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:40	17.99	85	5.02	247
11:50	18.64	88	4.94	17.3
12:00	18.68	88	4.88	10.7
12:10	18.66	88	4.87	9.6
12:20	18.87	88	4.87	8.8
12:30	19.04	89	4.85	7.8

Comments: Sampled @ 12:35pm

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/13/04 Well No.: MW-238B Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.09	49	Partly Cloudy 50's	43	85

Dissolved Oxygen (mg/L)	Begin Reading:	2.51	Time:	1:15	End Reading:	11.66	Time:	4:35
Redox (mV)	Begin Reading:	491	Time:	1:15	End Reading:	536	Time:	4:35
Iron (mg/L)	Fe (II):	2.50	Time:	4:45	Fe (Total):	2.50	Time:	4:50

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:15	19.42	141	6.12	>440
1:35	19.79	150	6.23	>440
1:55	19.77	127	5.99	241
2:15	19.79	117	5.95	149
2:~~35~~ DUP	19.76	111	5.84	132
2:55	19.74	105	5.81	101
3:15	19.80	103	5.80	89.3
3:35	19.71	101	5.78	82.3
3:55	19.70	99	5.74	83.1
4:15	19.66	99	5.71	70.8
4:35	19.68	98	5.68	76.2

Comments: Sampled @ 4:40pm

Sample # DUP

Verified by: [signature] Date: 1/14/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Bohler

Date: 1/15/04 **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):
25.41	56.4	partly cloudy 40's/50's	N/A	4.75

Dissolved Oxygen (mg/L)	Begin Reading:	4.55	Time:	10:30	End Reading:	2.98	Time:	12:00
Redox (mV)	Begin Reading:	559	Time:	10:30	End Reading:	193	Time:	12:00
Iron (mg/L)	Fe (II):	1.40	Time:	12:10	Fe (Total):	1.50	Time:	12:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:30 am	17.58	182	6.99	10.9
11:15	18.33	155	7.04	2.2
11:30	18.47	154	7.12	3.8
11:45	18.61	157	6.98	2.4
12:00	18.62	157	7.01	2.0

Comments: Sampled @ 12:05 pm

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/15/04 **Well No.:** CMT 2-7 **Sampling Method:** ~~Bladder~~ peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.46	59.8	partly cloudy 40's/50's	N/A	7.5

Dissolved Oxygen (mg/L)	Begin Reading:	3.48	Time:	10:35	End Reading:	2.82	Time:	2:00
Redox (mV)	Begin Reading:	257	Time:	10:35	End Reading:	152	Time:	2:00
Iron (mg/L)	Fe (II):	2.45	Time:	2:10	Fe (Total):	2.66	Time:	2:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:35am	17.62	362	7.12	3.3
10:50	17.59	384	7.30	5.4
11:00	17.70	371	7.35	7.8
11:10	17.84	353	7.39	4.4
12:20	17.93	267	7.20	3.8
12:40	18.23	249	7.32	3.7
1:00	18.53	238	7.26	4.0
1:20	18.12	228	7.21	6.4
1:40	18.31	221	7.24	3.4
2:00	18.52	215	7.28	3.8

Comments: Sample @ 2:05

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/15/04 **Well No.:** CMT 3-2 **Sampling Method:** peristaltic ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.22	33.	Mostly sunny 60's	N/A	11.25

Dissolved Oxygen (mg/L)	Begin Reading:	6.05	Time:	3:10	End Reading:	4.70	Time:	2:20
Redox (mV)	Begin Reading:	335	Time:	3:10	End Reading:	511	Time:	2:20
Iron (mg/L)	Fe (II):	<.50	Time:	2:30	Fe (Total):	<.50	Time:	2:35

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	
3:10pm	18.28	165	6.61	7.0	
3:30	17.79	163	6.32	7.9	
3:45	17.93	152	6.28	7.9	
4:10	17.46	137	6.10	28.8	
12:40	18.56	116	5.74	2.5	2.2
1:25	20.23	112	5.67	6.6	5
1:40	20.10	108	5.60	3.6	
2:00	19.95	108	5.66	2.7	
2:20	20.11	107	5.62	2.7	4

Comments: Stopped pumping @ 4:25pm 1/15/04 | Resumed pumping 1/16/04 9:30am
Sampled @ 2:20pm 1/16/04

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/15/04 **Well No.:** CMT 3-3 **Sampling Method:** ~~Bladder~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.24	38	mostly sunny 60s	N/A	.25

Dissolved Oxygen (mg/L)	Begin Reading:	4.51	Time:	3:50	End Reading:	*	Time:		
Redox (mV)	Begin Reading:	376	Time:	3:50	End Reading:	*	Time:		
Iron (mg/L)	Fe (II):	1.05	Time:	4:05	Fe (Total):	1.15	Time:	4:10	

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:50pm	16.65	106	6.10	47.5

Comments: Sampled @ 4:00pm

* Well dry - let recover enough to collect a sample.

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/16/04 **Well No.:** CMT 3-6 **Sampling Method:** peristaltic pump ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.26	53	sunny 40's	N/A	10

Dissolved Oxygen (mg/L)	Begin Reading:	5.02	Time:	9:50	End Reading:	4.89	Time:	12:30
Redox (mV)	Begin Reading:	487	Time:	9:50	End Reading:	448	Time:	12:30
Iron (mg/L)	Fe (II):	<.50	Time:	12:40	Fe (Total):	<.50	Time:	12:45

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
9:50 am	16.88	198	6.64	13.3
10:10	17.66	220	6.28	3.3
10:30	18.07	206	6.09	1.4
10:50	18.05	197	5.98	2.7
11:10	18.58	189	5.87	9.3
11:30	19.13	188	5.81	10.2
11:50	19.16	188	5.78	7.7
12:10	19.57	187	5.73	6.8
12:30	19.86	186	5.74	6.3

Comments: Sampled @ 12:35 pm

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/16/04 **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):
*	58.8	Sunny 60's	N/A	10.5

Dissolved Oxygen (mg/L)	Begin Reading:	3.73	Time:	1:00	End Reading:	4.36	Time:	3:55
Redox (mV)	Begin Reading:	431	Time:	1:00	End Reading:	484	Time:	3:55
Iron (mg/L)	Fe (II):	<.50	Time:	4:05	Fe (Total):	<.50	Time:	4:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	
1:00pm	19.96	173	6.26	38.0	4
2:30	20.13	140	5.72	4.0	
3:25	19.58	142	5.78	2.7	4.5
3:35	18.75	141	5.87	3.2	
3:45	19.04	144	5.84	3.3	
3:55	18.97	141	5.89	3.6	

Comments: Sample @ 4:00pm

* water level indicator wouldn't drop further than 20.55 feet.

Verified by: [signature] **Date:** 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/19/04 **Well No.:** CMT 1-3 **Sampling Method:** ~~Bladder~~ peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.15	35.6	Sunny 40s	N/A	6

Dissolved Oxygen (mg/L)	Begin Reading:	5.78	Time:	11:15	End Reading:	3.39	Time:	2:15
Redox (mV)	Begin Reading:	476	Time:	11:15	End Reading:	289	Time:	2:15
Iron (mg/L)	Fe (II):	3.55	Time:	2:25	Fe (Total):	3.55	Time:	2:30

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:15	15.03	363	7.04	15.8
11:35	15.86	313	6.87	4.8
11:55	16.12	258	6.71	3.3
12:15	15.58	247	6.62	3.3
12:35	16.14	235	6.50	3.2
12:55	17.26	230	6.42	2.2
1:15	17.42	223	6.38	2.2
1:35	17.66	220	6.37	1.3
1:55	17.67	216	6.36	2.3
2:15	18.34	215	6.35	1.9

Comments: Sampled @ 2:20pm

Verified by: KDixon **Date:** 1/20/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker peristaltic

Date: 1/19/04 **Well No.:** CMT 1-4 **Sampling Method:** ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.14	31.9	sunny 40's	N/A	.50

Dissolved Oxygen (mg/L)	Begin Reading:	5.65	Time:	12:20	End Reading:	5.62	Time:	1:40
Redox (mV)	Begin Reading:	307	Time:	12:20	End Reading:	287	Time:	1:40
Iron (mg/L)	Fe (II):	<.50	Time:	2:00	Fe (Total):	<.50	Time:	2:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:20	12.34	423	7.72	8.8
1:40	14.48	426	7.80	3.6
				2.00

Comments: Sampled @ 1:45pm
+ well purge rate extremely slow.

Verified by: [signature] **Date:** 1/20/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker peristaltic

Date: 1/19/04 Well No.: CMT 1-5 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.12	29.5	Sunny 40's	N/A	5.5

Dissolved Oxygen (mg/L)	Begin Reading: 2.83	Time: 2:50	End Reading: 3.02	Time: 1:40
Redox (mV)	Begin Reading: 286	Time: 2:50	End Reading: 273	Time: 1:40
Iron (mg/L)	Fe (II): 1.40	Time: 1:50	Fe (Total): 1.50	Time: 1:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:50	18.78	77	6.63	17.9
3:10	18.09	110	6.52	8.6
3:30	17.81	148	6.37	5.0
3:50	17.91	170	6.35	4.2
01/20/04 4:10	17.03	187	6.43	2.9
1:10pm	18.32	199	6.47	5.1
1:20	18.94	200	6.45	4.6
1:30	19.16	199	6.50	6.2
1:40	19.40	204	6.48	4.2

Comments: Sampled @ 1:45pm 1/20/04

Verified by: [signature] Date: 1/23/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/19/04 Well No.: CMT-1 ~~5~~ thru 6 Sampling Method: ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.11	47.7	Sunny 40's	N/A	6

Dissolved Oxygen (mg/L)	Begin Reading:	4.11	Time:	3:55	End Reading:	5.12	Time:	3:50
Redox (mV)	Begin Reading:	283	Time:	3:55	End Reading:	242	Time:	3:50
Iron (mg/L)	Fe (II):	3.30	Time:	4:00	Fe (Total):	3.40	Time:	4:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:55	15.84	239	6.50	2.1
3:10	16.94	237	6.53	1.5
3:20	17.51	237	6.72	2.2
3:30	17.44	235	6.75	2.1
3:50	17.30	233	6.71	1.3

1/20/04

Comments: Sampled @ 3:55pm 1/20/04

Verified by: [signature] Date: 1/23/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker peristaltic

Date: 1/20/04 **Well No.:** CMT 1-7 **Sampling Method:** ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.11	51.5	Sunny 40's	N/A	12

Dissolved Oxygen (mg/L)	Begin Reading:	2.70	Time:	1:55	End Reading:	2.50	Time:	2:55
Redox (mV)	Begin Reading:	306	Time:	1:55	End Reading:	564	Time:	3:55
Iron (mg/L)	Fe (II):	2.50	Time:	2:05	Fe (Total):	2.50	Time:	3:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:55	19.07	133	5.83	1.0
2:05	19.43	129	5.75	.7
2:15	19.38	129	5.71	.5
2:25	19.34	124	5.68	.6
2:35	19.04	122	5.64	1.2
2:45	19.01	121	5.64	.6
2:55	18.93	121	5.63	.5
				~~1.5~~ BMB

Comments: Sampled @ 3:10pm

Verified by: [signature] **Date:** 1/23/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/21/04 Well No.: CMT 4-1 Sampling Method: peristaltic ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
Dry	26	Sunny 50'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:

Verified by: [signature] Date: 1/24/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/21/04 Well No.: CMT 4-2 Sampling Method: peristaltic ~~Bladder~~ Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.71	32	sunny 50's	N/A	12.5

Dissolved Oxygen (mg/L)	Begin Reading: 3.27	Time: 12:35	End Reading: 3.35	Time: 3:40
Redox (mV)	Begin Reading: 337	Time: 12:35	End Reading: 460	Time: 3:40
Iron (mg/L)	Fe (II): 4.50	Time: 3:50	* Fe (Total): .50	Time: 3:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)	
12:35pm	18.56	146	6.17	3.1	S
2:20	20.18	78	5.33	1.8	
2:40	20.08	74	5.27	1.5	
3:00	19.45	72	5.24	1.1	S
3:20	19.33	71	5.21	1.5	
3:30	19.47	70	5.20	1.1	
3:40	19.39	70	5.20	.9	

Comments: Sampled @ 3:45pm

Verified by: [signature] Date: 1/23/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/21/04 **Well No.:** CMT 4-3 **Sampling Method:** ~~Bladder~~ peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.71	37	Sunny 50's	N/A	7.25

Dissolved Oxygen (mg/L)	Begin Reading:	4.30	Time:	12:40	End Reading:	4.64	Time:	4:25
Redox (mV)	Begin Reading:	292	Time:	12:40	End Reading:	368	Time:	4:25
Iron (mg/L)	Fe (II):	3.25	Time:	4:35	Fe (Total):	3.30	Time:	4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:40	17.94	133	6.57	7.6
1:00	18.17	162	6.42	7.3
1:20	18.32	160	6.30	6.0
1:40	18.56	154	6.22	5.6
2:00	19.20	148	6.11	5.1
3:55	17.77	131	5.86	5.1
4:05	17.45	130	5.98	4.6
4:15	17.35	130	6.09	5.5
4:20	17.56	130	6.12	6.0
4:25	17.85	130	6.10	6.2

5

Comments: Sampled @ 4:30pm

Verified by: [signature] **Date:** 1/23/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/23/04 **Well No.:** MW-5A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
16.22	28.6	sunny 50s	31	11

Dissolved Oxygen (mg/L)	Begin Reading:	8.69	Time:	11:50	End Reading:	.99	Time:	12:50
Redox (mV)	Begin Reading:	357	Time:	11:50	End Reading:	281	Time:	12:50
Iron (mg/L)	Fe (II):	4.55	Time:	1:00	Fe (Total):	4.60	Time:	1:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:50 am	18.89	51	6.02	>440
12:00 pm	18.75	58	6.01	149
12:10	18.94	58	6.00	52.6
12:20	18.90	56	5.87	17.5
12:30	19.05	56	5.81	9.2
12:40	18.73	55	5.80	7.3
12:50	18.67	55	5.80	5.1

Comments: Sampled @ 12:55pm

Verified by: [signature] **Date:** 1/23/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Brad Baker

Date: 1/23/04 Well No.: mw-206 Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.75	54.5	Sunny 50s	38	40

Dissolved Oxygen (mg/L)	Begin Reading:	5.82	Time:	2:35	End Reading:	4.82	Time:	4:25
Redox (mV)	Begin Reading:	241	Time:	2135	End Reading:	423	Time:	4:25
Iron (mg/L)	Fe (II):	<.50	Time:	4:35	Fe (Total):	<.50	Time:	4:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:25	21.67	88	8.06	25.5
2:35	21.86	87	6.88	13.6
2:45	21.80	88	6.70	8.4
2:55	21.82	87	6.48	8.0
3:05	21.63	86	6.30	7.3
3:15	21.65	83	6.19	6.2
3:25	21.58	80	6.05	6.3
3:35	21.49	79	5.98	5.6
3:45	21.78	77	5.95	5.4
3:55	21.59	75	5.90	5.3
4:05	21.55	74	5.87	5.1
4:15	21.25	72	5.81	4.9
4:25	21.39	71	5.79	5.3

Comments: Sampled 4:30pm

Verified by: [signature] Date: 1/23/04

TTL, Inc.

January 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)

Comments:

Verified by: **Date:**

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Charles Roling

Date: 01/05/04 **Well No.:** MW 236 B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.61	32.0	RAINY MID 60's	45	21

Dissolved Oxygen (mg/L)	Begin Reading:	4.04	Time:	11:45 AM	End Reading:	3.79	Time:	1:05
Redox (mV)	Begin Reading:	352.7	Time:	11:45 AM	End Reading:	481	Time:	1:05
Iron (mg/L)	Fe (II):	<.50	Time:	11:50	Fe (Total):	<.50	Time:	11:55

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:45 AM	19.35	120	8.01	15.1
11:55	19.81	75	6.31	12.0
12:05 pm	19.78	66	5.41	6.5
12:15	19.75	63	5.20	4.3
12:25	19.78	62	5.12	4.3
12:35	19.78	61	5.12	3.8
12:45	19.76	60	5.08	3.0
12:55	19.53	59	5.09	5.9
1:05	19.44	59	4.99	4.4

Comments: Sampled @ 1:05 Collect Samples For ALFA

Verified by: ~~1/6/04~~ K Brian **Date:** 1/6/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.06.04 **Well No.:** MW 102 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.33	14.35	Clear Mid 40's	35	30

Dissolved Oxygen (mg/L)	Begin Reading:	1.50	Time:	11:20	End Reading:	0.96	Time:	2:10pm
Redox (mV)	Begin Reading:	550	Time:	11:20	End Reading:	340	Time:	2:10pm
Iron (mg/L)	Fe (II):	4.90	Time:	2:15	Fe (Total):	4.85	Time:	2:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:20 am	16.21	612	6.32	187
11:30	17.18	672	6.55	97.4
11:40	17.33	696	6.58	67.4
11:50	17.34	712	6.60	34.7
12:00pm	17.08	717	6.62	9.3
12:10	17.15	724	6.62	8.0
12:20	16.98	716	6.62	6.6
12:30	16.84	710	6.61	5.5
12:40	17.10	710	6.60	5.4
12:50	17.17	705	6.60	6.1
1:00pm	17.13	702	6.59	6.5
1:10	17.16	699	6.59	5.4
1:20	17.06	695	6.58	5.3
1:30	17.06	693	6.58	5.1
1:40	16.97	690	6.58	4.3
1:50	16.66	691	6.58	5.2
2:00	16.77	690	6.58	4.2
2:10	16.87	690	6.58	3.8

Comments: Sampled @ 2:10pm Collected Alfa Samples

Ferrous Iron Reading Greater Than 5ppm Diluted 10mls to 100mls

Verified by: ~~1/6/04~~ K Dixon **Date:** 1/6/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.06.04 **Well No.:** MW202 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
9.78	23.7	Clear Mid 40s	40	25

Dissolved Oxygen (mg/L)	Begin Reading:	2.76	Time:	3:00 PM	End Reading:	1.47	Time:	12:25
Redox (mV)	Begin Reading:	385	Time:	3:00 PM	End Reading:	461	Time:	12:25
Iron (mg/L)	Fe (II):	1.10	Time:	12:30	Fe (Total):	1.25	Time:	12:35

	Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
	3:00 PM	16.69	73	6.46	> 440
	3:10	18.88	52	5.23	84.6
	3:20	18.67	50	4.95	48.4
	3:30	18.79	49	4.93	56.4
	3:40	18.97	50	4.92	53.2
	3:50	18.78	48	4.85	48.8
	4:00 PM	18.51	48	4.78	39.4
	4:10	18.75	48	4.79	61.6
	4:20	19.24	49	4.77	21.1
	4:30	19.19	49	4.75	23.0
01.07.04	11:25 AM	17.85	45	5.25	30.6
	11:35	19.18	44	4.77	21.3
	11:45	18.57	44	4.71	17.6
	11:55	17.77	44	4.64	11.4
	12:05 pm	17.90	44	4.66	7.4
	12:15	17.94	44	4.65	5.4
	12:25	17.93	44	4.66	3.9

Comments: Sampled @ 12:25 Collected Sample For ALFA

Stopped Sampling @ 4:30 1.6.04 and Resumed 11:25 AM 1.7.04

Verified by: 1/8/04 **Date:** 1/8/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.07.04 **Well No.:** MW 3A **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
14.24	41.97	Clear Cold Mid 30's	40	22

Dissolved Oxygen (mg/L)	Begin Reading:	52.8	Time:	1:45 pm	End Reading:	6.35	Time:	3:15
Redox (mV)	Begin Reading:	486	Time:	1:45 pm	End Reading:	486	Time:	3:15
Iron (mg/L)	Fe (II):	<.50	Time:	3:20	Fe (Total):	<.50	Time:	3:25

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:45 pm	18.09	52	4.76	414
1:55	18.63	49	4.71	428
2:05 pm	18.73	48	4.58	191
2:15	18.88	48	4.54	58.4
2:25	18.92	48	4.55	16.9
2:35	18.98	47	4.52	14.4
2:45	18.89	47	4.44	8.3
2:55	18.80	47	4.46	9.5
3:05	18.83	47	4.44	7.0
3:15	18.94	47	4.47	7.7

Comments: Sampled @ 3:15 TOC → Collected Samples For AFA

Verified by: [signature] **Date:** 1/8/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01·09·04 **Well No.:** MW-106 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.80	35	Rainy Low 40's	40	22

Dissolved Oxygen (mg/L)	Begin Reading:	4.83	Time:	10:50 Am	End Reading:	4.88	Time:	12:30
Redox (mV)	Begin Reading:	493	Time:	10:50 Am	End Reading:	490	Time:	12:30
Iron (mg/L)	Fe (II):	<.50	Time:	12:35	Fe (Total):	<.50	Time:	12:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:50 AM	20.39	66	4.65	64.7
11:00 AM	19.90	66	4.31	21.2
11:10	18.67	64	4.19	13.3
11:20	16.87	60	4.10	11.4
11:30	21.68	68	4.24	8.3
11:40	21.90	68	4.21	3.6
11:50	21.68	68	4.18	2.8
12:00pm	21.53	68	4.10	2.1
12:10	21.57	68	4.11	2.2
12:20	21.69	68	4.10	1.1
12:30	21.43	68	4.10	1.1

Comments: Sampled @ 12:30pm Collected TOC's Dup, T-Fe

Verified by: [signature] **Date:** 1/9/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.09.04 **Well No.:** MW 130 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.80	28	Cloudy Low 40's	40	25

Dissolved Oxygen (mg/L)	Begin Reading: 5.96	Time: 1:50 pm	End Reading: 5.86	Time: 3:30 pm
Redox (mV)	Begin Reading: 494	Time: 1:50 pm	End Reading: 468	Time: 3:30 pm
Iron (mg/L)	Fe (II): <.50	Time: 3:35	Fe (Total): <.50	Time: 3:40

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:50 pm	17.94	60	4.75	237
2:00 pm	20.19	67	4.91	231
2:10	20.37	68	4.85	98.1
2:20	20.22	68	4.84	25.4
2:30	20.51	70	4.79	19.0
2:40	20.40	70	4.74	8.8
2:50	20.35	72	4.76	3.6
3:00 pm	20.30	72	4.73	3.2
3:10	19.53	71	4.73	3.1
3:20	20.16	70	4.74	2.9
3:30	20.28	71	4.73	2.1

Comments: Sampled @ 3:30 Collected Toc & Dup

Verified by: [signature] **Date:** 1/9/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.12.04 **Well No.:** MW 230 **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
19.76	51.5	Partly Cloudy MID 50's	40	23

Dissolved Oxygen (mg/L)	Begin Reading:	2.34	Time:	10:55 AM	End Reading:	5.42 ~~5.7~~	Time:	1:05 PM
Redox (mV)	Begin Reading:	424	Time:	10:55 AM	End Reading:	459	Time:	1:05 PM
Iron (mg/L)	Fe (II):	2.50	Time:	1:10	Fe (Total):	2.50	Time:	1:15

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:55 AM	19.02	116	6.27	24.1
11:05 AM	19.92	102	5.83	18.1
11:15	19.97	105	5.44	6.6
11:25	19.87	105	5.26	6.9
11:35	19.97	107	5.18	5.5
11:45	20.01	104	5.13	5.1
11:55	20.10	105	5.10	4.7
12:05 pm	20.03	107	5.06	3.7
12:15	19.86	105	4.99	3.7
12:25	19.88	105	4.99	2.9
12:35	19.77	105	4.95	2.7
12:45	19.55	105	4.91	1.9
12:55	19.28	105	4.91	2.1
1:05 pm	19.24	105	4.91	2.0

Comments: Sampled @ 1:05 pm Collected TOC

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.12.04 Well No.: MW 235-C Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):		Weather:		Controller Setting (psi):		Volume Pumped (gallons):	
20.46	55.0		Partly Cloudy Low 60's		45		25	
Dissolved Oxygen (mg/L)	Begin Reading:	5.56 ~~58.3~~	Time:	2:20 pm	End Reading:	5.35 ~~56.4~~	Time:	4:10
Redox (mV)	Begin Reading:	452	Time:	2:20 pm	End Reading:	482	Time:	4:10
Iron (mg/L)	Fe (II):	4.50	Time:	4:15	Fe (Total):	4.50	Time:	4:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:20 pm	19.39	69	5.40	2.7
2:30	20.60	68	4.95	15.5
2:40	20.46	61	4.77	5.8
2:50	20.47	59	4.69	5.1
3:00 pm	20.46	57	4.70	2.8
3:10	20.43	55	4.69	2.7
3:20	20.39	56	4.62	2.3
3:30	20.31	53	4.62	2.1
3:40	20.27	53	4.62	1.5
3:50	20.55	53	4.62	1.8
~~4:00~~ 4:00 pm	20.45	52	4.63	1.7
4:10	20.56	53	4.62	1.8

Comments: Sampled @ 4:10 pm Collected Dup.

Verified by: [signature] Date: 1/16/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.13.04 Well No.: MW 135 A Sampling Method: Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
21.04	36.0	Partly Cloudy Mid 50's	40	20

Dissolved Oxygen (mg/L)	Begin Reading:	4.85	Time:	09:50 AM	End Reading:	4.05	Time:	12:10 PM
Redox (mV)	Begin Reading:	448	Time:	09:50 AM	End Reading:	463	Time:	12:10 PM
Iron (mg/L)	Fe (II):	4.50	Time:	12:15 PM	Fe (Total):	4.50	Time:	12:20 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
09:50	19.60	.006	5.59	2.7
* 10:20	18.93	—	5.01	20.5
10:30	19.35	—	4.76	12.5
10:40	20.02	69	4.77	10.7
10:50	18.92	72	4.95	12.3
11:00 AM	20.71	70	4.86	10.5
11:10	20.41	71	4.75	8.9
11:20	20.48	72	4.68	5.3
11:30	20.12	70	4.76	4.3
11:40	20.57	72	4.76	4.8
11:50	20.62	72	4.76	3.8
12:00 PM	20.27	72	4.76	3.1
12:10	20.11	72	4.76	3.7

Comments: * Resumed after checking Conductivity, suspect False Reading Re-Calibrate

Sampled @ 12:10

Verified by: [signature] Date: 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.13.04 **Well No.:** MW-235B **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
20.93	45.0	Partly Cloudy Low 60	45	18

Dissolved Oxygen (mg/L)	Begin Reading:	2.90	Time:	1:25 pm	End Reading:	3.76	Time:	3:15 pm
Redox (mV)	Begin Reading:	447	Time:	1:25 pm	End Reading:	455	Time:	3:15 pm
Iron (mg/L)	Fe (II):	<.50	Time:	3:20	Fe (Total):	<.50	Time:	3:25 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
1:25 pm	20.39	77	5.12	65.3
1:35	20.81	69	4.94	14.3
1:45	20.90	68	4.94	9.3
1:55	20.89	70	4.92	3.6
2:05 pm	20.89	70	4.93	4.0
2:15	20.91	68	4.85	3.6
2:25	20.72	68	4.84	3.3
2:35	20.81	68	4.86	2.3
2:45	20.83	68	4.88	2.1
2:55	20.87	68	4.86	1.9
3:05 pm	20.741	68	4.86	1.6
3:15	20.96	68	4.86	1.7

Comments: Sampled @ 3:15 pm

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.14.04 **Well No.:** MW-238C **Sampling Method:** Bladder Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.58	55.0	Partly Cloudy MID 50	45	26

Dissolved Oxygen (mg/L)	Begin Reading:	4.46	Time:	10:15 AM	End Reading:	2.98	Time:	12:55
Redox (mV)	Begin Reading:	394	Time:	10:15 AM	End Reading:	444	Time:	12:55
Iron (mg/L)	Fe (II):	<.50	Time:	1:00	Fe (Total):	<.50	Time:	1:10

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:15 AM	19.33	122	6.20	7.2
10:25	19.89	126	5.53	21.4
10:35	19.50	137	5.53	16.3
10:45	19.82	136	5.48	8.7
10:55	19.85	129	5.46	5.2
11:05 AM	19.80	122	5.35	2.4
11:15	19.67	118	5.33	1.6
11:25	19.70	114	5.25	1.4
11:35	19.64	109	5.23	1.6
11:45	19.67	106	5.16	1.0
11:55	19.64	105	5.15	1.1
12:05	19.73	103	5.13	1.2
12:15	19.62	101	5.13	1.9
12:25	19.36	99	5.04	2.0
12:35	19.41	99	5.04	1.9
12:45	19.53	99	5.04	1.3
12:55	19.55	99	5.04	1.4

Comments: Sampled @ 12:55

Verified by: [signature] **Date:** 1/16/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 01.14.04 **Well No.:** CMT 2-2 **Sampling Method:** Peristaltic Pump ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.51	40.6	Cloudy Low 60's	N/A	5

Dissolved Oxygen (mg/L)	Begin Reading: 1.13	Time: 2:12 pm	End Reading: 2.07	Time: 5:07 pm
Redox (mV)	Begin Reading: 400	Time: 2:12 pm	End Reading: 432.8	Time: 5:07 pm
Iron (mg/L)	Fe (II): 0.95	Time: 5:12 pm	Fe (Total): 1.05	Time: 5:17 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
~~2:12~~ 2:12 pm	20.05	158	6.11	253
2:19	20.34	94	6.10	103
2:36	20.23	89	5.96	125
2:44	20.30	83	5.85	124
2:54	20.43	81	5.78	98.9
3:03 pm	20.37	78	5.64	86.4
3:13	20.23	76	5.55	73.7
3:23	20.33	74	5.50	68.1
3:34	20.39	73	5.47	54.8
3:45	20.17	71	5.46	40.9
3:55	20.05	71	5.42	38.6
4:05 pm	20.22	69	5.27	40.4
4:15	20.07	69	5.44	41.4
4:25	20.05	70	5.44	40.5
4:35	19.84	68	5.41	41.9
4:45	20.21	67	5.38	42.3
4:55	20.20	68	5.39	40.3
5:07 pm	19.24	68	5.40	39.3

Comments: Sampled 5:07 pm

Verified by: [signature] **Date:** 1/15/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 01.14.04 **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):
25.4	44.6	Cloudy Low 60's	N/A	5

Dissolved Oxygen (mg/L)	Begin Reading:	1.22	Time:	2:16 pm	End Reading:	2.96	Time:	4:48 pm
Redox (mV)	Begin Reading:	397	Time:	2:16 pm	End Reading:	406	Time:	4:48 pm
Iron (mg/L)	Fe (II):	2.65	Time:	5:00 pm	Fe (Total):	3.65	Time:	5:05 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
2:16 pm	20.59	225	6.14	>440
2:25	20.44	227	6.09	289
2:41	20.01	219	6.05	176
2:50	20.25	212	5.99	172
3:01 pm	20.13	205	5.98	155
3:12	20.09	198	5.90	121
3:22	20.22	193	5.79	100
3:33	20.15	188	5.91	88.2
3:43	20.10	183	5.92	65.1
3:54	20.00	180	5.92	56.1
~~3~~ 4:08 pm	19.97	176	5.93	60.2
4:19	19.87	175	5.92	61.2
4:29	19.64	175	5.95	69.9
4:38	19.88	175	5.95	70.1
4:48	19.85	175	5.95	70.9

Comments: Sampled @ 4:48 pm Collected T-FE

Verified by: [signature] **Date:** 1/19/04

TTL, Inc.

January 2004

Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 01.15.04 **Well No.:** CMT 2-4 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.41	48.7	Partly Cloudy M105°s	N/A	5

Dissolved Oxygen (mg/L)	Begin Reading:	3.17	Time:	10:36 AM	End Reading:	2.44	Time:	12:45 PM
Redox (mV)	Begin Reading:	382	Time:	10:36 AM	End Reading:	391	Time:	12:45 PM
Iron (mg/L)	Fe (II):	1.70	Time:	12:50 PM	Fe (Total):	1.60	Time:	12:55 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:36 AM	18.80	233	6.38	6.5
10:47	19.11	244	6.11	2.7
10:56	19.27	210	6.06	1.3
11:05 AM	19.36	185	6.02	0.4
11:16	19.40	167	6.00	1.0
11:24	19.85	150	6.27	4.0
11:35	19.72	146	5.93	1.0
11:48	19.76	140	6.03	0.6
11:55	19.50	135	6.08	1.2
12:08 PM	19.24	132	5.99	0.8
12:14	19.71	126	5.95	0.6
12:20	19.30	123	5.95	0.5
12:28	19.07	123	5.95	0.9
12:36	19.11	123	5.95	1.0
12:45	19.05	123	5.95	0.7

Comments: Sampled @ 12:45 pm

Verified by: [signature] **Date:** 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 01·15·04 **Well No.:** CMT 2-5 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.42	52.6	Partly Cloudy MID 50s	N/A	5.5

Dissolved Oxygen (mg/L)	Begin Reading:	2.21	Time:	10:40 AM	End Reading:	2.36	Time:	1:04 pm
Redox (mV)	Begin Reading:	382	Time:	10:40 AM	End Reading:	371	Time:	1:04 pm
Iron (mg/L)	Fe (II):	2.10	Time:	1:09 pm	Fe (Total):	2.20	Time:	1:15 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:40 AM	18.97	116	6.29	16.9
10:49	19.37	108	6.17	17.9
10:58	19.40	114	6.17	14.7
11:07 AM	19.48	131	6.20	6.8
11:18	19.54	141	6.17	4.7
11:28	19.23	157	6.04	3.9
11:37	20.03	158	6.13	2.9
11:46	19.87	159	6.25	2.1
11:55	19.85	150	6.18	2.3
12:04 PM	19.63	140	6.19	2.5
12:13	19.71	133	6.22	3.5
12:21	19.40	126	6.22	5.5
12:30	19.16	123	6.23	1.9
12:39	19.34	123	6.22	1.0
12:47	19.41	122	6.23	0.9
12:56	19.22	123	6.23	1.1
1:04 pm	19.33	123	6.22	1.7

Comments: Sampled @ 1:04 pm

Verified by: K. Brown **Date:** 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 1·15·04 **Well No.:** CMT 3-4 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.23	43	Partly Cloudy Mid 50's	N/A	5

Dissolved Oxygen (mg/L)	Begin Reading:	2.71	Time:	3:18 pm	End Reading:	3.35	Time:	12:04 pm
Redox (mV)	Begin Reading:	380	Time:	3:18 pm	End Reading:	371	Time:	12:04 pm
Iron (mg/L)	Fe (II):	0.95	Time:	12:10 pm	Fe (Total):	0.85	Time:	12:15 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:18 pm	17.46	125	6.49	>440
3:30	16.97	114	6.26	196
3:46	16.77	95	6.33	30.6
4:04 pm	16.34	88	6.35	11.9
4:18	15.68	86	6.39	1.2
4:32	14.89	87	6.33	2.0
01-16-04 09:50 am	13.24	95	6.64	43.3
10:05 am	13.74	87	6.28	7.2
10:21	13.83	82	6.26	3.3
10:36	14.36	78	6.30	3.1
10:52	14.84	80	6.27	1.9
11:05 am	15.08	80	6.26	1.9
11:19	16.97	80	6.26	2.2
11:46	17.33	81	6.26	2.2
12:04 pm	17.52	80	6.26	2.1

Comments: Sampled @ 12:04 pm

Verified by: K. Brown **Date:** 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 1-15-04 Well No.: CMT 3-5 Sampling Method: Peristaltic Pump ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
28.25	48	Partly Cloudy MID 50's	NA	5.5

Dissolved Oxygen (mg/L)	Begin Reading:	4.14	Time:	3:22 pm	End Reading:	3.58	Time:	2:48 pm
Redox (mV)	Begin Reading:	387	Time:	3:22 pm	End Reading:	375	Time:	2:48 pm
Iron (mg/L)	Fe (II):	.85	Time:	3:05 pm	Fe (Total):	.70	Time:	3:10 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:22 pm	16.52	96	6.42	>440
3:38	16.77	143	6.05	141
4:00 pm	16.38	163	6.15	17.9
4:20	15.73	161	6.09	9.8
4:34	15.58	158	6.16	7.4
01-16-04 09:55 Am	12.27	136	6.19	27.4
10:23	12.62	148	5.93	9.4
10:50	13.53	146	5.93	5.8
11:17 Am	15.43	147	6.05	7.9
11:38	18.16	145	6.07	2.5
11:58	16.20	145	5.96	3.9
12:28 pm	17.79	144	6.09	3.8
12:55	19.33	143	5.98	10.8
1:28 pm	18.93	144	5.98	7.8
1:52	19.50	144	6.08	11.9
2:18 pm	19.78	143	6.06	7.1
2:48	19.63	144	6.07	7.4

Comments: Sampled @ 2:48 pm

Verified by: [signature] Date: 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 1-19-04 **Well No.:** CMT 1-1 **Sampling Method:** Peristaltic Pump ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.21	43.4	Partly Cloudy Low 40's	N/A	5

Dissolved Oxygen (mg/L)	Begin Reading:	4.37	Time:	11:25 Am	End Reading:	3.20	Time:	4:12
Redox (mV)	Begin Reading:	396	Time:	11:25 Am	End Reading:	372	Time:	4:12
Iron (mg/L)	Fe (II):	3.70	Time:	4:15	Fe (Total):	4.05	Time:	4:20

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:25 Am	16.49	61	6.75	3.92
11:47	16.87	105	6.54	110
12:05 pm	16.24	154	6.60	7.8
12:21	16.93	193	6.58	7.7
12:40	16.90	217	6.59	3.8
12:58 pm	17.19	241	6.61	5.0
1:18 pm	17.80	260	6.57	7.3
1:34	18.26	273	6.57	6.6
1:49	17.85	285	6.50	2.8
2:07	17.69	292	6.51	2.9
2:21	17.99	297	6.57	3.2
2:35	17.30	300	6.51	2.6
2:52	17.41	306	6.59	2.6
3:09	17.14	307	6.55	2.2
3:25	16.97	308	6.56	2.5
3:50	15.29	307	6.55	2.4
4:12	15.18	308	6.55	3.0

Comments: Sampled @ 4:12

Verified by: [signature] **Date:** 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 1-19-04 **Well No.:** CMT 1-2 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
23.14	39.6	Partly Cloudy Low 40's	NA	5~

Dissolved Oxygen (mg/L)	Begin Reading:	4.11	Time:	11:27 AM	End Reading:	3.68	Time:	4:34 PM
Redox (mV)	Begin Reading:	403	Time:	11:27 AM	End Reading:	383	Time:	4:34 PM
Iron (mg/L)	Fe (II):	4.95~	Time:	4:40 PM	Fe (Total):	5~.00	Time:	4:45~

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:27 AM	14.91	78	6.61	258
11:48	15.37	97	6.57	25.8
12:07	15.24	110	6.58	11.3
12:24	15.64	124	6.65	7.5~
12:42	16.04	137	6.60	3.9
1:01 PM	17.22	146	6.56	6.9
1:20	17.54	154	6.57	7.9
1:36	17.28	162	6.53	6.2
1:52	17.26	166	6.48	3.5~
2:10 PM	17.42	170	6.48	3.3
2:28	17.10	175	6.48	2.8
2:42	17.02	178	6.43	2.7
3:01 PM	17.02	182	6.39	3.6
3:21	16.79	183	6.43	3.4
3:40	16.10	183	6.43	3.0
3:58	15.12	182	6.44	3.3
4:18 PM	15.08	183	6.43	3.4
4:34	14.93	183	6.43	3.2

Comments: Sampled @ 4:34

Verified by: [signature] **Date:** 1/19/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 1/21/04 **Well No.:** CMT-2-1 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
25.48	32.6	Partly Cloudy Mid 50's	N/A	4

Dissolved Oxygen (mg/L)	Begin Reading:	3.03	Time:	10:37 AM	End Reading:	4.01	Time:	11:57
Redox (mV)	Begin Reading:	496	Time:	10:37 AM	End Reading:	411	Time:	11:57
Iron (mg/L)	Fe (II):	1.00	Time:	12:00	Fe (Total):	1.15	Time:	12:05

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
10:37 AM	18.53	127	6.91	105
10:41	19.59	117	6.54	67.5
10:49	19.19	114	6.40	24.0
10:58	19.20	114	6.30	14.0
11:04 AM	19.95	115	6.28	9.7
11:13	20.14	116	6.27	7.5
11:22	20.29	116	6.28	7.2
11:31	20.27	117	6.25	5.5
11:34	20.44	117	6.27	5.8
11:41	20.45	118	6.26	4.4
11:49	20.47	118	6.26	5.3
11:57	20.18	118	6.26	5.3

Comments: Sampled @ 11:57 AM

Verified by: [signature] **Date:** 1/22/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 1-21-04 **Well No.:** CMT 4-4 **Sampling Method:** ~~Bladder Pump~~ Peristaltic Pump

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.71	42	Clear MID 50	N/A	5

Dissolved Oxygen (mg/L)	Begin Reading:	2.03	Time:	12:42 pm	End Reading:	1.06	Time:	3:11 pm
Redox (mV)	Begin Reading:	423	Time:	12:42 pm	End Reading:	423	Time:	3:11 pm
Iron (mg/L)	Fe (II):	~~4.35~~ .75 RTA	Time:	3:14 pm	Fe (Total):	.60	Time:	3:19 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:42 pm	17.74	127	6.45	19.1
12:49	18.70	121	6.44	15.3
12:54	18.34	113	6.40	5.7
1:01 pm	18.00	110	6.45	4.3
1:10	17.49	109	6.47	3.8
1:17	17.64	110	6.44	3.9
1:26	17.53	109	6.44	2.9
1:35	17.70	107	6.43	3.3
1:44	18.11	107	6.45	4.8
1:52	18.44	102	6.44	3.8
2:02 pm	18.48	98	6.45	3.9
2:14	18.73	94	6.46	8.2
2:23	18.43	92	6.44	4.4
2:32	18.43	92	6.45	3.9
2:42	17.71	94	6.44	5.8
2:53	17.81	92	6.45	3.4
3:01 pm	17.86	94	6.44	4.5
3:11	17.90	94	6.44	3.9

Comments: Sampled @ 3:11 pm

Verified by: [signature] **Date:** 1/22/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson

Date: 1-22-04 **Well No.:** CMT 4-5 **Sampling Method:** Peristaltic Pump ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.72	48	Clear M.D 50's	N/A	4.5

Dissolved Oxygen (mg/L)	Begin Reading:	1.24	Time:	12:45 pm	End Reading:	1.58	Time:	2:48 pm
Redox (mV)	Begin Reading:	416	Time:	12:45 pm	End Reading:	417	Time:	2:48 pm
Iron (mg/L)	Fe (II):	4.35	Time:	2:30 pm	Fe (Total):	4.45	Time:	2:53 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
12:45 pm	17.85	124	6.54	64.8
12:51	18.68	135	6.47	22.8
12:56	18.54	146	6.53	16.9
1:03 pm	17.94	153	6.52	15.5
1:11	17.68	150	6.65	18.2
1:20	17.80	152	6.68	21.1
1:29	18.04	165	6.52	23.3
1:38	18.11	166	6.70	31.6
1:46	18.43	173	6.59	34.4
1:54	18.78	175	6.57	34.6
2:05 pm	18.42	175	6.57	40.0
2:16	18.33	174	6.66	34.7
2:26	18.36	174	6.66	31.6
2:35	18.46	174	6.66	31.5
2:48	17.98	174	6.66	~~ER~~ 30.1

Comments: Sampled @ 2:48 pm

Verified by: [signature] **Date:** 1/22/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 1.21.04 Well No.: CMT 4-6 Sampling Method: ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.72	54	Clear Low 30	N/A	4.75

Dissolved Oxygen (mg/L)	Begin Reading:	1.94	Time:	3:57 pm	End Reading:	1.12	Time:	12:12 pm
Redox (mV)	Begin Reading:	409	Time:	3:57 pm	End Reading:	408	Time:	12:12 pm
Iron (mg/L)	Fe (II):	2.60	Time:	12:15 pm	Fe (Total):	2.75	Time:	12:20 pm

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
3:57 pm	17.75	135	6.41	65.5
4:02 pm	17.95	147	6.50	28.0
4:12	18.82	188	6.54	15.9
4:20	18.20	144	6.52	12.7
4:27	18.18	143	6.50	11.1
4:33	18.21	143	6.52	11.7
4:39	18.18	141	6.51	9.1
4:45	18.34	140	6.50	9.1
1.22.04 10:58 am	17.87	142	6.62	40.9
11:07 am	18.70	133	6.12	16.1
11:20	18.35	132	6.13	13.2
11:33	16.71	132	6.06	11.2
11:42	16.63	132	6.06	8.3
11:52	16.71	132	6.05	5.9
12:02 pm	17.08	132	6.06	4.2
12:12	16.70	132	6.06	4.5

Comments: Sampled @ 12:12 pm Collected T-FE

Verified by: [signature] Date: 1/22/04

TTL, Inc.
January 2004
Quarterly Monitoring Well Sampling

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

Personnel: Reggie Robinson Peristaltic Pump

Date: 1·22·04 **Well No.:** CMT4-7 **Sampling Method:** ~~Bladder Pump~~

Depth to Water (feet):	Total Depth of Well (feet):	Weather:	Controller Setting (psi):	Volume Pumped (gallons):
26.72	55.8	clear Mid 50's	N/A	4.75

Dissolved Oxygen (mg/L)	Begin Reading:	1.73	Time:	11:04 AM	End Reading:	1.31	Time:	1:33 PM
Redox (mV)	Begin Reading:	409	Time:	11:04 AM	End Reading:	415	Time:	1:33 PM
Iron (mg/L)	Fe (II):	<.50	Time:	1:34 PM	Fe (Total):	<.50	Time:	1:39 PM

Time	Temperature (C°)	Specific Conductance (µmhos)	pH (s.u.)	Turbidity (ntu)
11:04 AM	17.82	109	6.20	13.3
11:12	18.31	110	5.91	3.8
11:22	16.63	108	6.00	1.5
11:31	15.57	107	6.01	1.3
11:42	15.59	104	5.99	0.9
11:51	15.83	101	5.96	0.5
12:04 PM	15.77	101	5.97	0.9
12:14	15.56	101	5.80	0.8
12:24	15.42	100	5.80	1.2
12:34	15.74	100	5.81	1.3
12:42	17.48	102	5.82	1.3
12:52	18.38	102	5.81	1.2
1:03 PM	18.51	103	5.80	1.0
1:12	18.17	103	5.79	1.0
1:22	18.23	103	5.80	1.2
1:33	18.14	103	5.80	1.0

Comments: Sampled @ 1:33 PM Collected T-FE

Verified by: [signature] **Date:** 1/22/04

TTL, Inc.

January 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)

Comments:

Verified by: Date: