

**SUMMARY REPORT FOR  
SAMPLING RESULTS  
FOR JULY 21, 2005  
INVESTIGATION OF  
“LOW-LYING AREAS”**

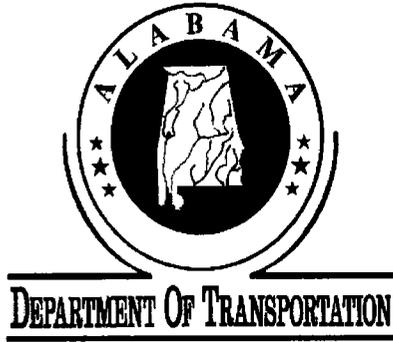
**Coliseum Boulevard  
Plume Investigation**



**September 30, 2005**

**Submitted to:**

**The Alabama Department of Environmental Management  
Montgomery, Alabama**



**SUMMARY REPORT FOR THE  
JULY 21, 2005,  
SAMPLING EVENT**

*INVESTIGATION OF  
"LOW-LYING AREAS"*

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**Introduction**

The ALDOT (Alabama Department of Transportation) is investigating the soil and ground-water for TCE (trichloroethylene) in the area known as the Coliseum Boulevard Plume in Montgomery, Alabama. The investigation is being conducted under the direction of the ADEM (Alabama Department of Environmental Management). The investigation is comprised of four general investigative areas: 1) the Kilby Ditch, 2) the Probehole 12 area, 3) Low-Lying Areas, and 4) Site-Wide. This report contains results of samples of sediment and surface water collected from the Low-Lying Areas on July 21, 2005.

The Low-Lying Areas consist of three (3) different areas. Each of the Low-Lying Areas are located downstream (north) and/or east from the Kilby Ditch (Figure 1). The construction of roads, railroad tracks, and other human and natural activities has resulted in the impoundment of water in these Low-Lying Areas. The smallest Low-Lying area (about 2 acres) is located south of the Northern Boulevard and north of Russell Corporation. Surface water in this area is recharged from Kilby Ditch, storm-water runoff, outfall from Russell Corporation, and a high water table. Between Northern Boulevard and the railroad tracks is a Low-Lying Area that is about 12 acres. North of the railroad tracks (identified as Western Railway of Alabama) is the largest Low-Lying Area in this investigation at about 33 acres in size. The water from Kilby Ditch generally continues to flow under the Northern Boulevard and discharges into a perennial stream that is north of the Northern Boulevard. The perennial stream continues and divides into braided streams that generally flow to the east and north. The stream(s), storm-water run-off, and springs within the Low-Lying Areas provide water into the Low-Lying Areas north of the Northern Boulevard and the railroad tracks.

The surface water and sediment monitoring events for the Low-Lying Areas are being performed in accordance with the Addendum 04 of the Comprehensive Work Plan. Sample locations A through H are north of the railroad tracks and are monitored less frequently because TCE has not been detected in surface water or sediment in this area. Sample locations I through M are north of the Northern Boulevard but south of the railroad tracks are monitored semi-annually. Locations N through P are south of the Northern Boulevard and are currently monitored quarterly.



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This report provides the results for the July 21, 2005, sampling event.

**Sample Collection**

On July 21, 2005, eight (8) locations (location I through P) were sampled for sediments and surface-water (see Table 1 and Figure 2).

A hand auger was used to collect sediment samples at locations I through P on July 21, 2005. All sediment samples were collected from the hand auger using an EnCore sampler. Sampling depth has varied as sedimentation depth is influenced by the velocity and depth of the water flow in the Low-Lying areas. The sediment samples were collected immediately above the first stiff silt, clay, or organic layer, which was approximately 8 inches below land surface (BLS).

Surface-water samples were collected by slowly lowering an upright VOC glass vial, which contained hydrochloric acid as a preservative, into the water. The cap of the VOC vial was used to add water to form a meniscus before sealing the vial with a Teflon-lined cap.

Sediment and surface-water samples were immediately placed on ice, in a cooler, and shipped to TTL's laboratory in Tuscaloosa, Alabama for VOC analyses under strict chain-of-custody. The samples were analyzed for VOC's using Method 5035/8260 (sediment) and 8260 (groundwater) as outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

**Results**

The historical and current analytical results for samples collected in the Low-Lying areas are presented in Tables 2a (sediment results) and 2b (surface water results). Analytical results for the July 21, 2005, sampling event are shown on in Figures 3 (sediment results) and 4 (surface water results).



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***Sediment***

On July 21, 2005, location O was the only sampling location that had a reportable concentration of a constituent of concern from the sediment samples (see Table 2a and Figure 3). Location O had a reportable concentration of cis-1,2-Dichloroethene of 4.1J  $\mu\text{g}/\text{kg}$ . The J flag associated with the concentration means the concentration is below the calibration curve, but above the method detection limit. At locations I, J, L and O, toluene was reported at concentrations of 9.5J  $\mu\text{g}/\text{kg}$ , 5.4J  $\mu\text{g}/\text{kg}$ , 5.7J  $\mu\text{g}/\text{kg}$  and 4.0J  $\mu\text{g}/\text{kg}$ , respectively. However, toluene is not a constituent of concern for this investigation. Laboratory reports are included in the Attachment.

***Surface Water***

On July 21, 2005, TCE concentrations were reported for surface water sample locations I, K, L, M, N and P (see Table 2b and Figure 4) at concentrations similar to concentrations previously detected except at location M. TCE was reported at concentrations of 1.4J  $\mu\text{g}/\text{l}$ , 12.6  $\mu\text{g}/\text{l}$ , 5.6  $\mu\text{g}/\text{l}$ , 5.6  $\mu\text{g}/\text{l}$ , 18.1  $\mu\text{g}/\text{l}$  and 21.1  $\mu\text{g}/\text{l}$ , respectively, at locations I, K, L, M, N and P. Additionally, cis-1,2-Dichloroethene was reported at a concentration of 1.9J  $\mu\text{g}/\text{l}$  at location O. Although not a constituent of concern for this investigation, toluene was reported at location O with a concentration of 1.6J  $\mu\text{g}/\text{l}$ . Laboratory reports are included in the Attachment.

**Recommendations**

The ALDOT recommends continuing the semi-annual monitoring for locations I through P and quarterly monitoring for locations N through P in the Low-Lying Areas. The next surface-water and sediment monitoring event of the Low-Lying areas is scheduled for October 2005. During the October quarterly event, samples will be collected from three (N, O, and P) of the 16 sampling locations as approved for quarterly monitoring.

# **TABLES**

**TABLE 1.** Sediment and Surface-Water Sample Locations in Low-Lying Area; Coliseum Boulevard Plume Investigation Site, Montgomery, Montgomery County, Alabama.

<b>Sample Location Identifier</b>	<b>Description</b>
A	Seep
B	Low point of a multi-branching channel. Water flows in from a single channel and pools until it overflows into other channels.
C	Low point of an interconnecting channel between two intermittent streams.
D	Low point of branching channels.
E	Low point of a channel (ground water seep).
F	Same as B (The pooled water empties into a single channel).
G	Confluence of intermittent stream with Three Mile Branch.
H	Depositional area (sand bar).
I	Depositional area (sand bar).
J	Depositional area (mud flat).
K	Low point (water pools).
L	Depositional area (sand bar).
M	A low point in the grassy field.
N	Culvert (water outflow).
O	Low point at bottom of hill.
P	Culvert (water inflow).

Table 2a. Concentrations of detected volatile organic compounds (VOCs)<sup>1</sup> in samples of sediment from the "Low-Lying Area"; July 21, 2005 sampling event; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride <sup>2</sup>	Toluene	Trichlorofluoromethane	Ethyl Benzene	Trans-1,2-Dichloroethene
			[Concentrations are in micrograms per kilogram (µg/kg)]										
			3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>
I	11/16/01	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	12.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	5	6.8J	ND	ND	ND	ND	ND	1.9J	4.2J	4.7J	ND	ND
	9/17/02 <sup>9</sup>	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03 <sup>10</sup>	8	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)
7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
I-dup	7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	1/29/04	8	ND	ND	ND	ND	ND	ND	5.2J	ND	4.1J	ND	ND
	7/26/04	9	ND	ND	ND	ND	ND	ND	6.3J	ND	4.5J	ND	ND
I-dup	7/26/04	9	ND	ND	ND	ND	ND	ND	6.1J	ND	5.0J	ND	ND
I	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	9.5J	ND	ND
J	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	ND	7.5J	4.1J	ND	ND
	9/17/02 <sup>9</sup>	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03 <sup>10</sup>	8	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)
	7/21/03	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	ND	5.0J	ND	5.7J	ND	ND
	7/26/04	10	ND	ND	ND	ND	ND	ND	3.8J	ND	ND	ND	ND
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	5.4J	ND	ND	
K	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	3.1J	ND	ND	ND
K-dup	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	5/22/02	12	ND	ND	ND	ND	ND	ND	ND	3.2J	6.0J	ND	ND
	9/17/02 <sup>9</sup>	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03 <sup>10</sup>	10	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
	7/21/03	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	ND	5.2J	ND	3.4J	ND	ND
	7/26/04	9	ND	ND	ND	ND	ND	ND	5.9J	ND	6.5J	ND	ND
1/31/05	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
K-dup	1/31/05	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	07/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 2a. Concentrations of detected volatile organic compounds (VOCs)<sup>1</sup> in samples of sediment from the "Low-Lying Area"; July 21, 2005 sampling event; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results											
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride <sup>2</sup>	Toluene	Trichlorofluoromethane	Ethyl Benzene	Trans-1,2-Dichloroethene	
			[Concentrations are in micrograms per kilogram (µg/kg)]											
			3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	
L	11/16/01	10	3.9J	ND	ND	ND	ND	ND	ND	3.1J	ND	ND	ND	ND
	2/14/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	10	ND	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
L-dup	5/22/02	10	ND	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
L	9/17/02 <sup>9</sup>	8	26.4J	6.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03 <sup>10</sup>	9	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
	7/21/03	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	3.3J	ND	3.5J	ND	ND	ND	ND
	7/26/04	11	10.4J	26.4J	4.9J	ND	ND	34.2J	ND	11.8J	ND	7.3J	3.7J	ND
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/21/05	8	ND	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND	ND
	11/16/01	10	ND	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
M	2/14/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	3.3J	3.0J	ND	ND	ND	ND
	9/17/02 <sup>9</sup>	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03 <sup>10</sup>	9	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)
	7/29/03 <sup>11</sup>	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	6.7J	ND	4.2J	ND	ND	ND	ND
	7/26/04	9	ND	ND	ND	ND	ND	9.2J	ND	4.3J	ND	ND	ND	ND
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N	11/15/01	3	50.6J <sup>4</sup>	ND <sup>5</sup>	ND	ND	ND	ND	ND	6.6J	16.4J	ND	ND	ND
	2/13/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	10	ND	ND	ND	ND	ND	ND	3.3J	ND	ND	ND	ND	ND
N-dup <sup>7</sup>	9/17/02 <sup>9</sup>	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9/17/02 <sup>9</sup>	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND	ND
	1/14/03 <sup>8</sup>	8	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
	7/21/03	2	3.6J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.3J	ND	3.2J	ND	ND	ND	ND
	7/26/04	8	ND	ND	ND	ND	ND	7.0J	ND	5.1J	ND	ND	ND	ND
N-dup	10/20/04	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	7/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	7/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 2a. Concentrations of detected volatile organic compounds (VOCs)<sup>1</sup> in samples of sediment from the "Low-Lying Area"; July 21, 2005 sampling event; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results											
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride <sup>2</sup>	Toluene	Trichlorofluoromethane	Ethyl Benzene	Trans-1,2-Dichloroethene	
			[Concentrations are in micrograms per kilogram (µg/kg)]											
			3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>	3.0 µg/kg <sup>3</sup>
O	11/15/01	3	ND	ND	ND	ND	ND	ND	ND	3.1J	3.3J	ND	ND	ND
	2/13/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	ND	4.8J	4.0J	5.7J	ND	ND
	9/17/02 <sup>6</sup>	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	35.1	ND	ND	ND	ND	ND	7.1J	ND	ND	ND
	1/14/03 <sup>8</sup>	11	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
	7/21/03	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	750	18.8J	ND	ND	ND	31.2J	ND	15.9J	ND	5.2J	ND	ND
	3/9/04 <sup>9</sup>	15	104	35.4J	6.3J	ND	ND	ND	ND	5.5J	ND	ND	ND	ND
	4/14/04 <sup>10</sup>	8-12	ND	3.4J	3.9J	ND	ND	ND	ND	6.1J	ND	ND	ND	ND
	7/26/04	12	ND	3.9J	ND	ND	ND	31.4J	ND	12.1J	ND	6.8J	ND	ND
	10/20/04	10	54.4	5.6J	ND	ND	ND	ND	ND	4.5J	ND	ND	ND	ND
	1/31/05	10	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/4/05	8	16.8J	370	5.9J	ND	ND	ND	3.1J	8.3J	ND	ND	7.8J	ND
	7/21/05	8	ND	4.1J	ND	ND	ND	ND	ND	4.0J	ND	ND	ND	ND
P	11/15/01	2	ND	ND	ND	ND	ND	ND	ND	ND	7.1J	ND	ND	ND
	2/13/02	9	10.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	11	7.0J	ND	ND	ND	ND	ND	6.7J	ND	ND	ND	ND	ND
	9/17/02 <sup>6</sup>	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03 <sup>8</sup>	10	11.0	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)
	7/21/03	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	12.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/26/04	12	ND	ND	ND	ND	ND	5.5J	ND	3.9J	ND	ND	ND	ND
	10/20/04	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/04/05	8	ND	ND	ND	ND	ND	ND	ND	4.6J	ND	ND	ND	ND
07/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Notes:

- <sup>1</sup> 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.
- <sup>2</sup> Methylene Chloride is considered to have been present in the laboratory during analysis of the samples.
- <sup>3</sup> MDL - Method Detection Limit of 3.0 micrograms per kilogram (µg/kg) for the soil laboratory analyses
- <sup>4</sup> J - Concentration below the calibration curve, but above the detection limit
- <sup>5</sup> ND - Not Detected
- <sup>6</sup> Results on September 17, 2002, are reported on "wet-weight" basis.
- <sup>7</sup> dup - Duplicate sample collected for quality assurance/quality control purposes.
- <sup>8</sup> 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 ( ).
- <sup>9</sup> 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.
- <sup>10</sup> On April 14, 2004, location O was sampled for verification and delineation of TCE detected in the sediment samples collected on January 29 and March 9, 2004.

**Table 2b.** Concentrations of detected volatile organic compounds (VOCs)<sup>1</sup> in samples of surface water from the "Low-Lying Area"; July 21, 2005 sampling event; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

Sample Identifier	Sample Date	Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride <sup>2</sup>	Toluene
		[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>
I	11/16/01	4.6J <sup>4</sup>	ND <sup>5</sup>	ND	ND	ND	ND
	2/14/02	5.0J	ND	ND	ND	ND	ND
	5/22/02	2.3J	ND	ND	ND	ND	ND
	9/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	4.2J	ND	ND	ND	ND	ND
	1/14/03	4.3J	ND	ND	ND	ND	ND
	7/21/03	7.5J	ND	ND	ND	ND	ND
I-dup <sup>6</sup>	7/21/03	7.5J	ND	ND	ND	ND	ND
I	1/29/04	2.4J	ND	ND	ND	ND	ND
	7/26/04	1.0J	ND	ND	ND	ND	ND
I-dup	7/26/04	ND	ND	ND	ND	ND	ND
	1/31/05	2.6J	ND	ND	ND	ND	ND
I <sup>7</sup>	7/21/05	1.4J	ND	ND	ND	ND	ND
J	11/16/01	2.8J	ND	ND	ND	ND	ND
	2/14/02	3.9J	ND	ND	ND	ND	ND
	5/22/02	1.9J	ND	ND	ND	ND	ND
	9/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	3.9J	ND	ND	ND	ND	ND
	1/14/03	2.9J	ND	ND	ND	ND	ND
	7/21/03	8.3J	ND	ND	ND	ND	ND
	1/29/04	ND	ND	ND	1.2J	ND	ND
	7/26/04	ND	ND	ND	ND	ND	ND
1/31/05	1.6J	ND	ND	ND	ND	ND	
	7/21/05	ND	ND	ND	ND	ND	ND
K	11/16/01	4.9J	ND	ND	ND	ND	ND
K-dup	11/16/01	4.9J	ND	ND	ND	ND	ND
K	2/14/02	16.4J	ND	ND	ND	ND	ND
K-dup	2/14/03	16.2J	ND	ND	ND	ND	ND
K	5/22/02	5.5J	ND	ND	ND	ND	ND
	9/17/02	2.2J	ND	ND	ND	ND	1.4J
	10/31/02	5.5J	ND	ND	ND	ND	ND
	1/14/03	13.9J	ND	ND	ND	ND	ND
	7/21/03	20.3	ND	ND	ND	ND	ND
	1/29/04	10.7J	ND	ND	1.0J	ND	ND
	7/26/04	6.4J	ND	ND	ND	ND	ND
	1/31/05	7.9J	ND	ND	ND	ND	ND
K-dup	1/31/05	8.1J	ND	ND	ND	ND	ND
K	7/21/05	12.6J	ND	ND	ND	ND	ND
L	11/16/01	2.9J	ND	ND	ND	ND	ND
	2/14/02	7.9J	ND	ND	ND	ND	ND
	5/22/02	2.7J	ND	ND	ND	ND	ND
L-dup	5/22/02	2.6J	ND	ND	ND	ND	ND
L	9/17/02	1.4J	ND	ND	ND	ND	ND
	10/31/02	3.4J	ND	ND	ND	ND	ND
	1/14/03	6.0J	ND	ND	ND	ND	ND
	7/21/03	4.3J	ND	ND	ND	ND	ND
	1/29/04	4.6J	ND	ND	ND	ND	ND
	7/26/04	4.1J	ND	ND	ND	ND	ND
	1/31/05	4.2J	ND	ND	ND	ND	ND
	7/21/05	5.6J	ND	ND	ND	ND	ND
M	11/16/01	ND	ND	ND	ND	ND	ND
	2/14/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	9/17/02	NC	NC	NC	NC	NC	NC
	10/31/02	NC	NC	NC	NC	NC	NC
	1/14/03	ND	ND	ND	ND	ND	ND
	7/29/03 <sup>8</sup>	ND	ND	ND	ND	ND	5.0J
	1/29/04	ND	ND	ND	ND	ND	ND
1/31/05	ND	ND	ND	ND	ND	ND	
	7/21/05	5.6J	ND	ND	ND	ND	ND

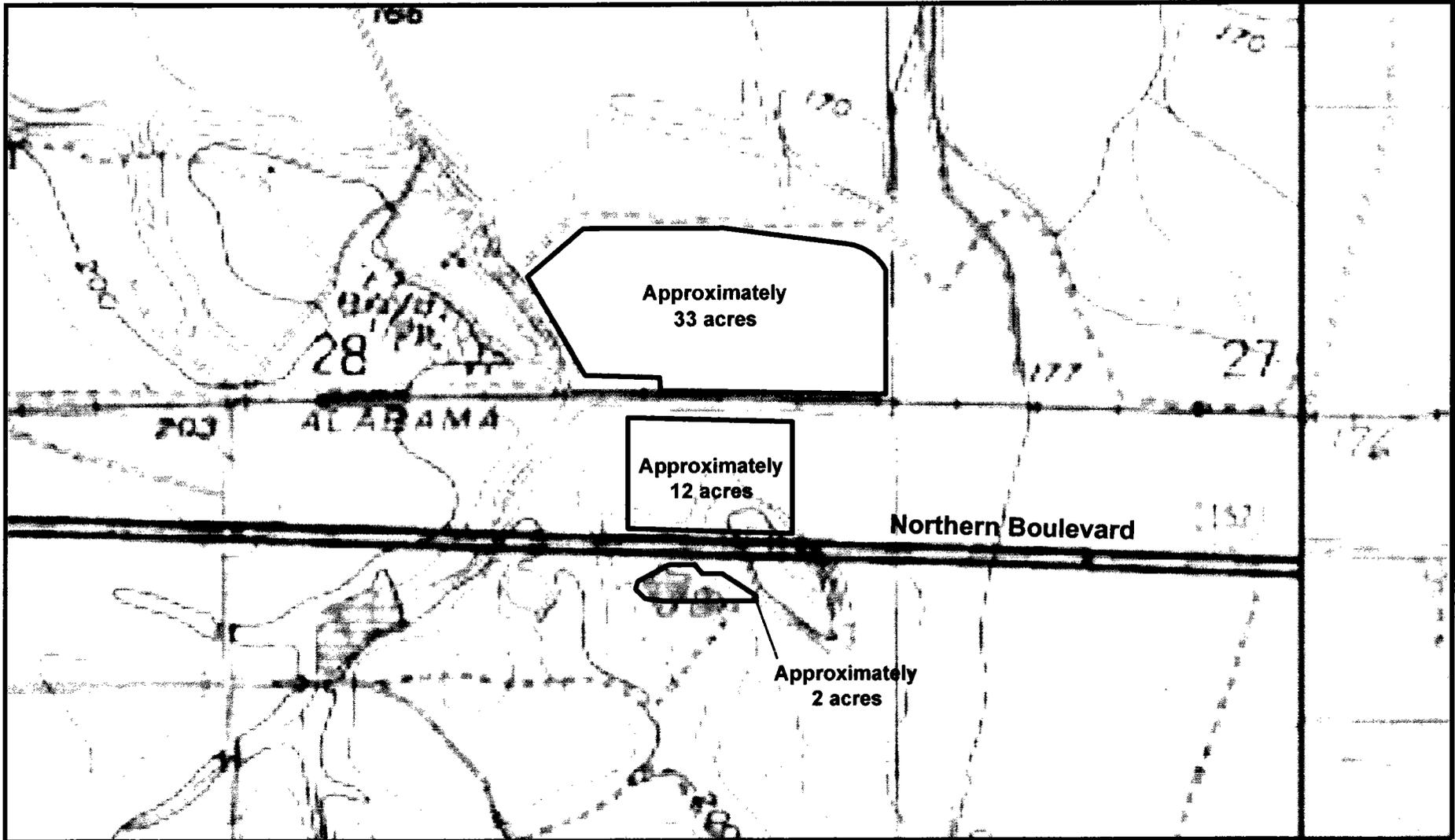
**Table 2b.** Concentrations of detected volatile organic compounds (VOCs)<sup>1</sup> in samples of surface water from the "Low-Lying Area"; July 21, 2005 sampling event; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

Sample Identifier	Sample Date	Aqueous Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride <sup>2</sup>	Toluene
		[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>	1.0 µg/l <sup>3</sup>
N	11/15/01	7.0J	ND	ND	ND	ND	ND
	2/13/02	16.8J	ND	ND	ND	ND	ND
	5/22/02	7.6J	ND	ND	ND	ND	ND
	9/17/02	3.7J	ND	ND	ND	ND	ND
N-dup	9/17/02	3.7J	ND	ND	ND	ND	ND
N	10/31/02	10.0J	ND	ND	ND	ND	ND
	1/14/03	15.2J	ND	ND	ND	ND	ND
	7/21/03	28.0	ND	ND	ND	ND	ND
	1/29/04	15.2J	ND	ND	3.2J	ND	ND
	7/26/04	11.9J	ND	ND	ND	ND	ND
N-dup	10/20/04	10.7J	ND	ND	ND	ND	ND
N-dup	10/20/04	10.4J	ND	ND	ND	ND	ND
N	1/31/05	11.2J	ND	ND	ND	ND	ND
	5/4/05	16.7J	ND	ND	ND	ND	ND
N-dup	5/4/05	16.5J	ND	ND	ND	ND	ND
N	7/21/05	18.1J	ND	ND	ND	ND	ND
N-dup	7/21/05	18.1J	ND	ND	ND	ND	ND
O	11/15/01	NC <sup>8</sup>	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	9/17/02	ND	ND	ND	1.0J	ND	ND
	10/31/02	2.5J	15.3J	4.8J	ND	ND	ND
	1/14/03	4.8J	14.4J	ND	ND	ND	ND
	7/21/03	NS <sup>9</sup>	NS	NS	NS	NS	NS
	1/29/04	31.8	6.9J	ND	4.5J	ND	ND
	7/26/04	ND	5.4J	1.3J	ND	ND	ND
	10/20/04	ND	10.2J	1.7J	ND	ND	ND
	1/31/05	14.6J	18.2J	1.0J	ND	ND	ND
	5/4/05	3.1J	14.7J	1.0J	ND	ND	ND
	7/21/05	ND	1.9J	ND	ND	ND	1.6J
P	11/15/01	16.8J	ND	ND	ND	ND	ND
	2/13/02	41.2	ND	ND	ND	ND	ND
	5/22/02	22.4	ND	ND	ND	ND	ND
	9/17/02	10.5J	ND	ND	ND	ND	ND
	10/31/02	25.1	ND	ND	ND	ND	ND
	1/14/03	43.2	ND	ND	ND	ND	ND
	7/21/03	42.2	ND	ND	ND	ND	ND
	1/29/04	25.0	ND	ND	2.3J	ND	ND
	7/26/04	23.4	ND	ND	ND	ND	ND
	10/20/04	22.5	ND	ND	ND	ND	ND
	1/31/05	27.5	ND	ND	ND	ND	ND
	5/4/05	20.9	ND	ND	ND	ND	ND
	7/21/05	21.1	ND	ND	ND	ND	ND

**Notes:**

- <sup>1</sup> 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.
- <sup>2</sup> Methylene Chloride is considered to have been present in the laboratory during analysis of the samples.
- <sup>3</sup> MDL - Method Detection Limit of 1.0 microgram per liter (µg/l) for the aqueous laboratory analyses
- <sup>4</sup> J - Concentration below calibration curve but above detection limit. In July 2005, the definition of a "J" flag was modified to flag samples with concentrations below the practical quantitation level, rather than the calibration curve values.
- <sup>5</sup> ND - Not Detected
- <sup>6</sup> dup - Duplicate sample collected for quality assurance/quality control purposes.
- <sup>7</sup> The Method Detection Limit for samples collected on July 21, 2005 is 5.0 microgram per liter (µg/l) for the aqueous laboratory analyses
- <sup>8</sup> 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.
- <sup>9</sup> NS - Not sampled; sample location was not sampled because of insufficient water for analyses

# FIGURES



Source: Montgomery North, Alabama USGS 7.5 Minute USGS Topographic Map [1958 (Photorevised 1988)].



2743-B Gunter Park Drive W ■ Montgomery, Alabama 36109  
334.244.0766 ■ Fax 334.244.6668

Low Lying Areas  
Coliseum Boulevard Plume Investigation  
Alabama Department of Transportation  
Montgomery, Alabama



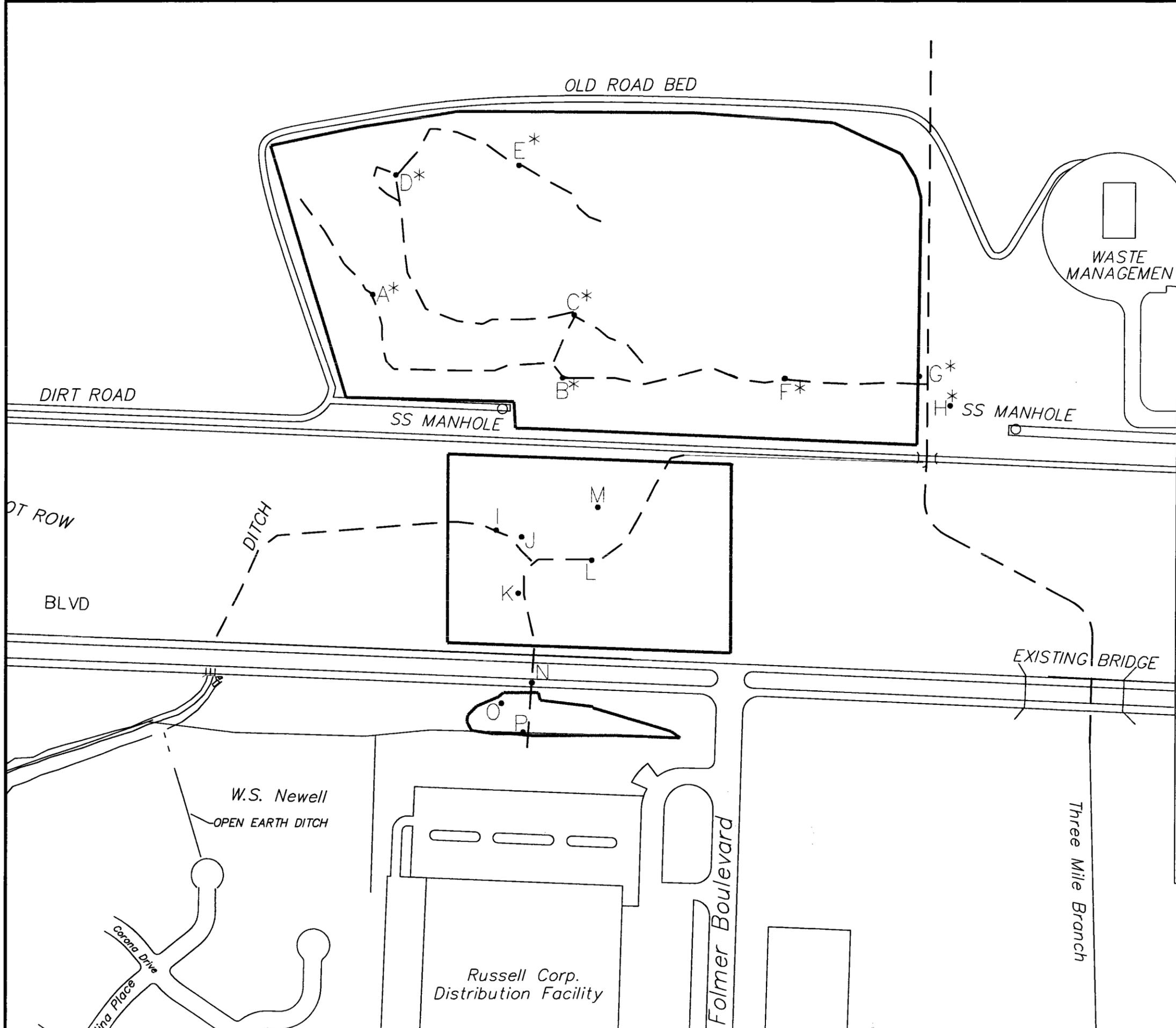
### Topographic Locations of Low Lying Areas

Low Lying Areas

SCALE: 1" = 800'

DRAWING PATH: F:\2000\0700\024\2005 drawings\wetland topo		TTL PROJECT NO.: <b>0700-024</b>
DATE CREATED: 7/28/2004	DATE REVISED: N/A	REVISION NUMBER: N/A
DRAWN BY: MMM	INITIAL: KDH	CHECKED BY: KDH
APPROVED: ASHLEY COUSINS, P.E., CHMM		SIGNATURE:

FIGURE 1



LEGEND:

-  Boundary of Low Lying Area
-  Sample location and Identifier
-  Approximate locations of intermittent streams
-  \* Not sampled – Location was not scheduled for sampling during this sampling event

ALDOT Coliseum Boulevard Plume Investigation



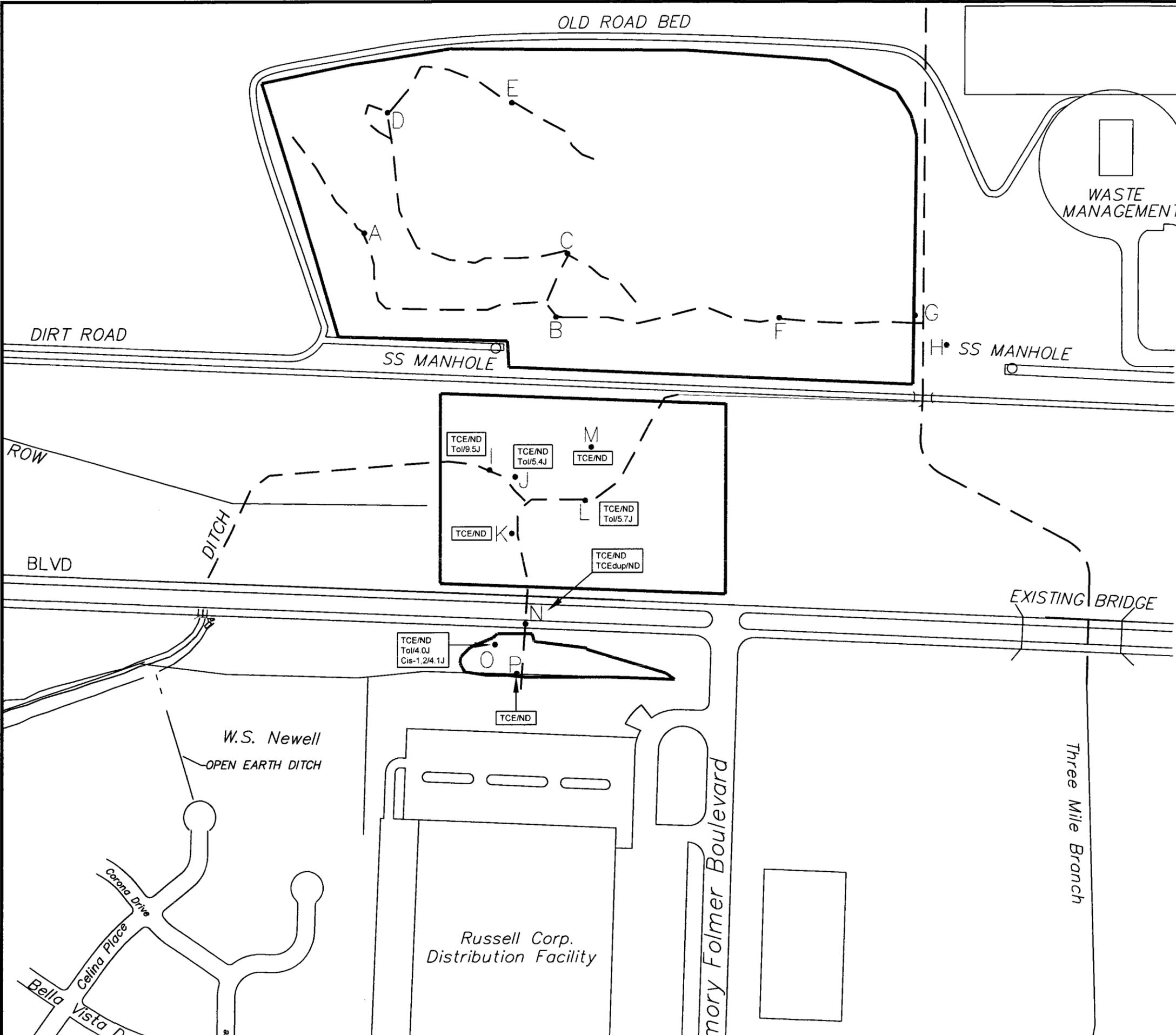
Sample locations and identifiers. July 21, 2005 Sampling Event. "Low-Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 030509

SCALE: 1" = 300'

Figure 2

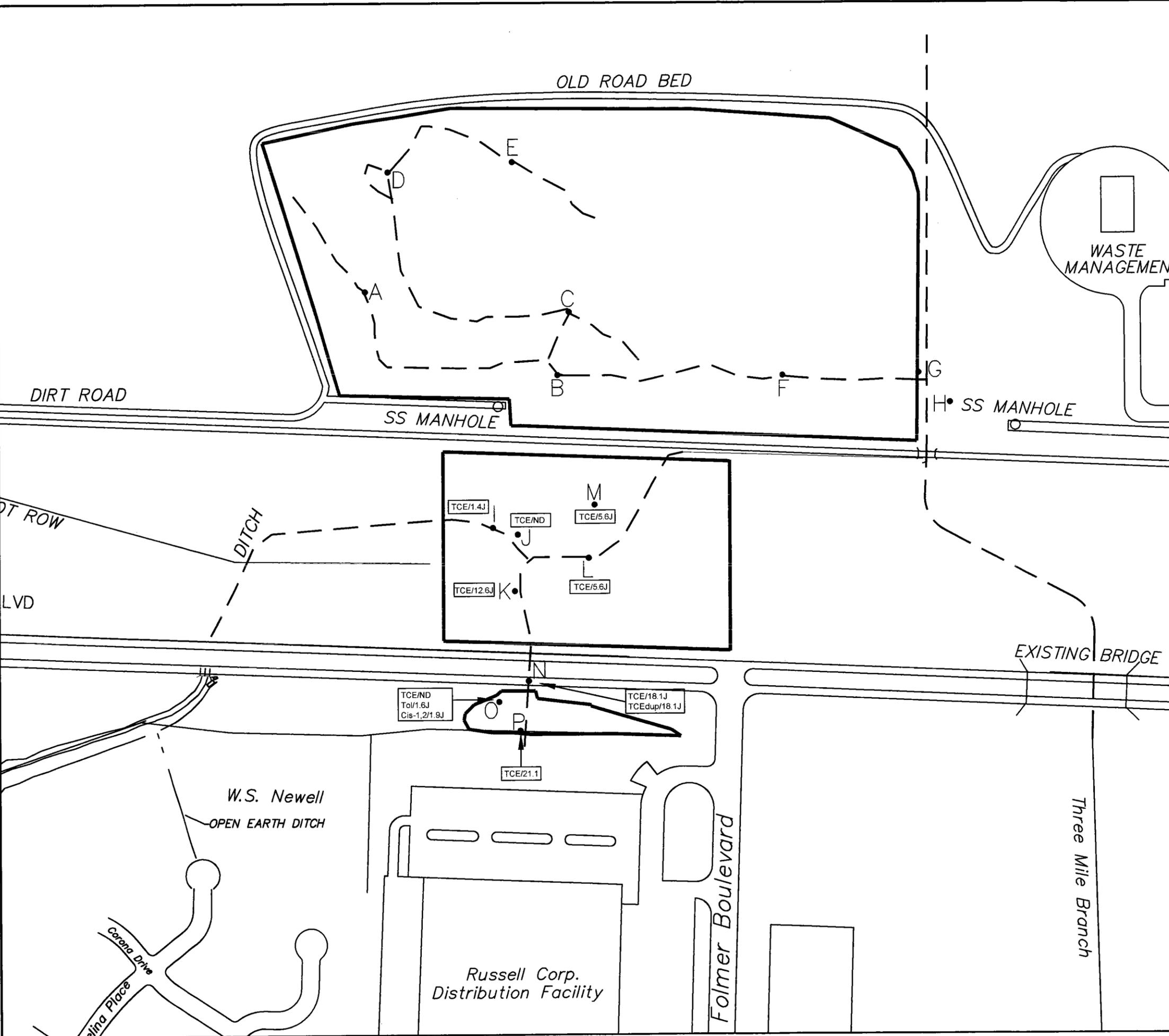


**LEGEND:**

TCE/ND	TCE/concentration ug/kg Method Detection Limit (MDL)=3.0 micrograms per kilogram (ug/kg)
J	Estimated (ie, calculated concentrations below the calibration curve, but above the method detection limit)
dup	Duplicate Sample
TCE	Trichloroethylene
Tol	Toluene
Cis-1,2	Cis-1,2-Dichloroethene
	Boundary of Low Lying Area
M •	Sample location and Identifier
	Approximate locations of intermittent streams

ALDOT Coliseum Boulevard Plume Investigation

<p style="font-size: 8px; margin-top: 5px;">2743-B Gunter Park Drive W ■ Montgomery, Alabama 36109 334.244.0766 ■ Fax 334.244.6668</p>	Analytical results of sediment samples collected on July 21, 2005. Work Plan 04- Investigation of "Low-Lying Areas"; Coliseum Boulevard Plume; Montgomery, Alabama.
	TTL PROJECT NUMBER: 0700-024
Drawing No. 050817	SCALE: 1" = 300' <span style="float: right;">Figure 3</span>



**LEGEND:**

- TCE/ND 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
- Cis-1,2 Cis-1,2-Dichloroethene
- VC Vinyl Chloride
- ND Not Detected (below MDL)
- dup Duplicate sample
- Boundary of Low Lying Area
- Sample location and Identifier
- Approximate locations of intermittent streams

**ALDOT Coliseum Boulevard Plume Investigation**



2743-B Gunter Park Drive W ■ Montgomery, Alabama 36109  
334.244.0766 ■ Fax 334.244.6668

Analytical results of surficial water samples collected from Low-Lying Areas on July 21, 2005. Work plan 04- Investigation of "Low-Lying Areas"; Coliseum Boulevard Plume; Montgomery, Alabama.

TTL PROJECT NUMBER: 0700-024

Drawing No. 050817.1

SCALE: 1" = 300'

Figure 4

**ATTACHMENT**



3516 Greensboro Avenue  
P O Drawer 1128 (35403)  
Tuscaloosa, AL 35401

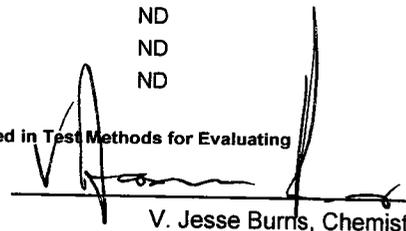
205.345.0816 tel  
205.343.0635 fax  
www.TTLINC.com

**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -N  
**TTL Lab Number:** 050722005-012A  
**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	3.0	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
Ethyl Benzene	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.



3516 Greensboro Avenue  
P O Drawer 1128 (35403)  
Tuscaloosa, AL 35401

205.345.0816 tel  
205.343.0635 fax  
www.TTLINC.com

**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -N Dup  
**TTL Lab Number:** 050722005-013A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/Kg</u>	<u>FLAG*</u>
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	3.0	ND
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	3.0	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.



3516 Greensboro Avenue  
P O Drawer 1128 (35403)  
Tuscaloosa, AL 35401

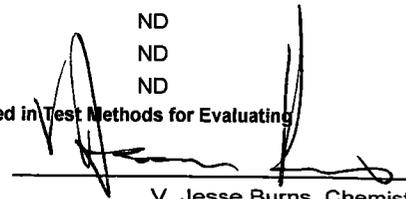
205.345.0816 tel  
205.343.0635 fax  
www.TTLINC.com

**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -P  
**TTL Lab Number:** 050722005-014A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/Kg</u>	<u>FLAG*</u>
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	3.0	ND
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	3.0	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.



3516 Greensboro Avenue  
P O Drawer 1128 (35403)  
Tuscaloosa, AL 35401

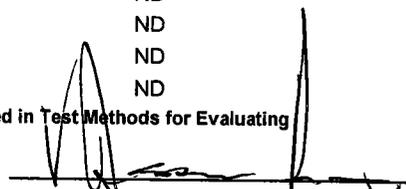
205.345.0816 tel  
205.343.0635 fax  
www.TTLINC.com

**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -O  
**TTL Lab Number:** 050722005-015A  
**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:	4.1	J
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	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:	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.



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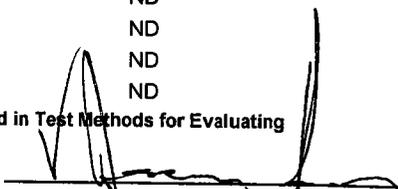
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205.343.0635 fax  
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 26, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -K  
**TTL Lab Number:** 050722005-016A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/Kg</u>	<u>FLAG*</u>
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	3.0	ND
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	3.0	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.



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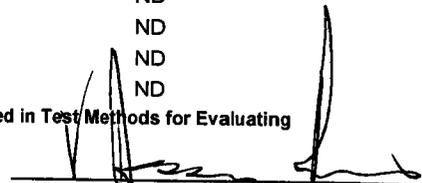
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 26, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -L  
**TTL Lab Number:** 050722005-017A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/Kg</u>	<u>FLAG*</u>
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:	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.



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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 26, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -M  
**TTL Lab Number:** 050722005-018A  
**TTL Job Number:** 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.0	ND
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.0	ND
Chloroform:	3.0	ND
1,1,1-Trichloroethane:	3.0	ND
Carbon Tetrachloride:	3.0	ND
Benzene:	3.0	ND
1,2-Dichloroethane:	3.0	ND
Trichloroethylene:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	3.0	ND
Trans-1,3-Dichloropropene:	3.0	ND
1,1,2-Trichloroethane:	3.0	ND
Tetrachloroethylene:	3.0	ND
Dibromochloromethane:	3.0	ND
Chlorobenzene:	3.0	ND
1,1,1,2-Tetrachloroethane:	3.0	ND
Ethylbenzene:	3.0	ND
M,P-Xylenes:	3.0	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.



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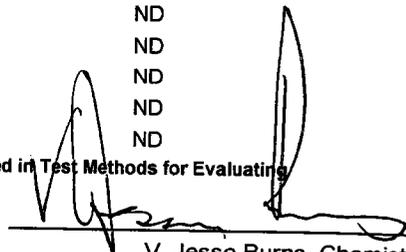
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 26, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -J  
**TTL Lab Number:** 050722005-019A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/Kg</u>	<u>FLAG*</u>
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:	5.4	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:	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.



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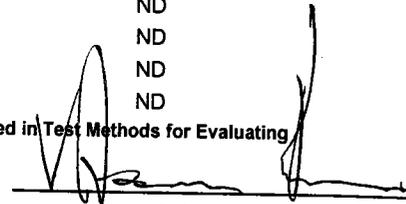
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 26, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Soil  
**Sampled By:** TTL Personnel (AGB, KJM)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point -I  
**TTL Lab Number:** 050722005-020A  
**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:	9.5	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.



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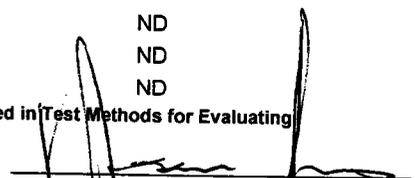
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 24, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Aqueous  
**Sampled By:** TTL Lab Personnel  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Blank (Equipment Rinse, Points N, NDup, P, O, K, L, M, J, I)  
**TTL Lab Number:** 050722005-001A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/L</u>	<u>FLAG*</u>
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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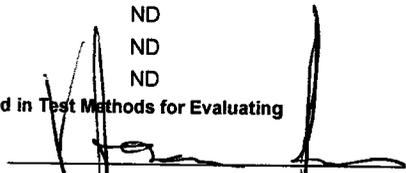
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 24, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Aqueous  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Equipment Rinse  
**TTL Lab Number:** 050722005-002A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/L</u>	<u>FLAG*</u>
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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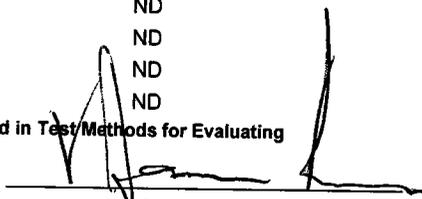
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 24, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-N  
**TTL Lab Number:** 050722005-003A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/L</u>	<u>FLAG*</u>
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:	18.1	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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

  
V. Jesse Burns, Chemist

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



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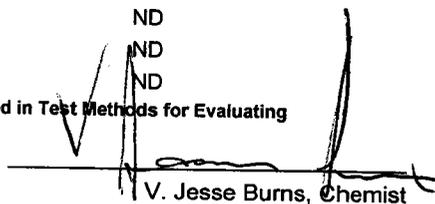
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 24, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-NDup  
**TTL Lab Number:** 050722005-004A  
**TTL Job Number:** 0700-024

## VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, ug/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	18.1	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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



V. Jesse Burns, Chemist

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



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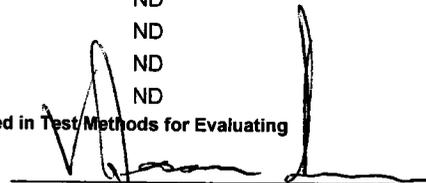
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 24, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-P  
**TTL Lab Number:** 050722005-005A  
**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:	21.1	
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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



V. Jesse Burns, Chemist

\*\* The sample was reanalyzed out of holding time.

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



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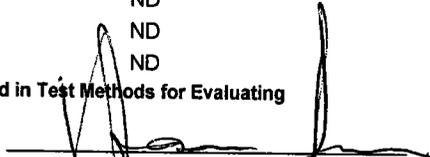
205.345.0816 tel  
205.343.0635 fax  
www.TTLINC.com

**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-O  
**TTL Lab Number:** 050722005-006A  
**TTL Job Number:** 0700-024

## VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/L	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.9	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:	1.0	ND
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.6	J
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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



V. Jesse Burns, Chemist

\*\* The sample was reanalyzed out of holding time.

\* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above 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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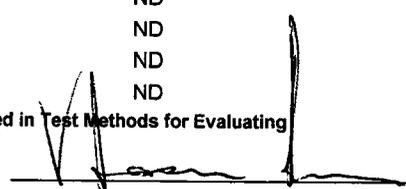
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-K  
**TTL Lab Number:** 050722005-007A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/L</u>	<u>FLAG*</u>
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	12.6	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
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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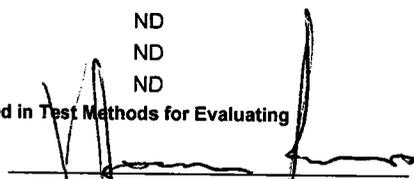
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-L  
**TTL Lab Number:** 050722005-008A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/L</u>	<u>FLAG*</u>
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	5.6	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
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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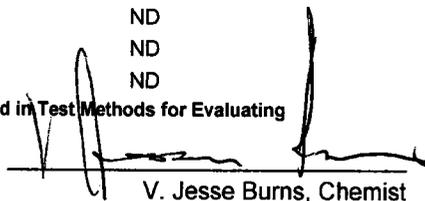
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205.343.0635 fax  
www.TTLINC.com

**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-M  
**TTL Lab Number:** 050722005-009A  
**TTL Job Number:** 0700-024

## VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, $\mu\text{g/L}$	FLAG*
Chloromethane:	1.0	ND
Vinyl Chloride:	1.0	ND
Chloroethane:	1.0	ND
Trichlorofluoromethane:	1.0	ND
1,1-Dichloroethene:	1.0	ND
Methylene Chloride:	1.0	ND
Trans-1,2-Dichloroethene:	1.0	ND
1,1-Dichloroethane:	1.0	ND
Cis-1,2-Dichloroethene:	1.0	ND
Chloroform:	1.0	ND
1,1,1-Trichloroethane:	1.0	ND
Carbon Tetrachloride:	1.0	ND
Benzene:	1.0	ND
1,2-Dichloroethane:	1.0	ND
Trichloroethylene:	5.6	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
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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



V. Jesse Burns, Chemist

\*\* The sample was reanalyzed out of holding time.

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



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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-J  
**TTL Lab Number:** 050722005-010A  
**TTL Job Number:** 0700-024

**VOLATILE ORGANIC HYDROCARBONS**

<u>COMPOUNDS</u>	<u>RESULTS, µg/L</u>	<u>FLAG*</u>
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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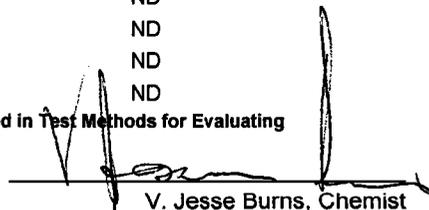
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**Client:** Alabama Department of Transportation  
**Sample Date:** July 21, 2005  
**Date Analyzed:** July 25, 2005  
**Analyzed By:** TTL Personnel (VJB)  
**Sample Type:** Ground Water  
**Sampled By:** TTL Personnel (AGB)  
**Sample Site:** Coliseum Boulevard Plume, Montgomery, AL  
**Sample ID:** Point-I  
**TTL Lab Number:** 050722005-011A  
**TTL Job Number:** 0700-024

## VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	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:	1.4	J
1,2-Dichloropropane:	1.0	ND
Bromodichloromethane:	1.0	ND
CIS-1,3-Dichloropropene:	1.0	ND
Toluene:	1.0	ND
Trans-1,3-Dichloropropene:	1.0	ND
1,1,2-Trichloroethane:	1.0	ND
Tetrachloroethylene:	1.0	ND
Dibromochloromethane:	1.0	ND
Chlorobenzene:	1.0	ND
1,1,1,2-Tetrachloroethane:	1.0	ND
Ethylbenzene:	1.0	ND
M,P-Xylenes:	1.0	ND
O-Xylene:	1.0	ND
Bromoform:	1.0	ND
1,1,2,2-Tetrachloroethane:	1.0	ND
1,3-Dichlorobenzene:	1.0	ND
1,4-Dichlorobenzene:	1.0	ND
1,2-Dichlorobenzene:	1.0	ND

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



V. Jesse Burns, Chemist

\*\* The sample was reanalyzed out of holding time.

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



TTL WORK  
ORDER NUMBER  
**050722 005**

**Chain of Custody Form**

**Sample Security Requirements**

Client: ALDOT  
 Contact: Brannon McDonald  
 Mailing Address: 2743-B Gunter Park Drive  
 City, State, Zip: Montgomery, AL 36109  
 Phone No.: (334) 244-0766  
 Date: 7-21-05  
 Sampled By: ALO, KM  
 Sample Site: Coliseum Boulevard Plume Investigation  
 TTL Job No.: 0700-024 Client P.O. # \_\_\_\_\_

1. Condition of Contents: Good
2. Sealed for Shipping By: AWS
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 On Ice
7. Comments: \_\_\_\_\_
8. Reporting Status: Routine; ASAP By \_\_\_\_\_; Rush By \_\_\_\_\_

Date	Time	Sample ID/Description	Sample Type		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab Comp			
7-21	—	trip blank	Liquid	X	3	HCl	VOC
	11:45	Equipment Room point - N	↓	↓	↓	↓	↓
	11:45	point - N Dup	↓	↓	↓	↓	↓
	12:00	point - P	↓	↓	↓	↓	↓
	12:15	point - O	↓	↓	↓	↓	↓
	12:30	point - K	↓	↓	↓	↓	↓
	12:45	point - L	↓	↓	↓	↓	↓
	1:00	point - M	↓	↓	↓	↓	↓
	1:15	point - J	↓	↓	↓	↓	↓

**CUSTODY TRANSFERS PRIOR TO SHIPPING**

**SHIPPING DETAILS**

Relinquished by: (signed) Date/Time  
 1. [Signature] 7-21-05 / 4:00pm  
 2. [Signature] 7/22/05 8:10AM  
 3. \_\_\_\_\_

Received by: (signed) Date/Time  
 1. [Signature] 7/22/05 8:00AM  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_

Air Bill #: GLI-3028132140  
 Method of Shipment: Box  
 Received By Lab: [Signature]  
 Date/Time: 7.22.05 8:10AM

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 35630, Telephone (256) 766-4622, FAX (256) 760-4626  
 TTL, Inc. - Decatur Office: 310 Bank Street, Decatur, Alabama 35601, Telephone (256) 353-2910, FAX (256) 353-3944

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



**Chain of Custody Form**

**Sample Security Requirements**

Client: ALDOT  
 Contact: Brannon McDonald  
 Mailing Address: 2743-B Gunter Park Drive  
 City, State, Zip: Montgomery, AL 36109  
 Phone No.: (334) 244-0766  
 Date: 7-21-05  
 Sampled By: ALB, KM  
 Sample Site: Coliseum Boulevard Plume Investigation  
 TTL Job No.: 0700-024 Client P.O. # \_\_\_\_\_

1. Condition of Contents: Good
2. Sealed for Shipping By: ALB
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 On Ice
7. Comments: \_\_\_\_\_
8. Reporting Status: Routine; ASAP By \_\_\_\_\_; Rush By \_\_\_\_\_

Date	Time	Sample ID/Description	Sample Type		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab Comp			
7-21	1:30	point-I	Liquid	X	3	HCl	VOC
	11:45	point-N Encore	Solid	X	3	Ice	
	11:45	point-MDyp			3		
	12:00	point-P			3		
	12:25	point-O					
	12:30	point-K					
	12:45	point-L					
	1:00	point-M					
	1:15	point-J					
	1:30	point-I					

**CUSTODY TRANSFERS PRIOR TO SHIPPING**

Relinquished by: (signed) Date/Time  
 1. [Signature] 7-21-05 / 4:00 PM  
 2. [Signature] 7/22/05 8:10 AM  
 3. \_\_\_\_\_

Received by (signed) Date/Time  
 1. [Signature] 7/22/05 8:00 AM  
 2. \_\_\_\_\_  
 3. \_\_\_\_\_

**SHIPPING DETAILS**

Air Bill #: GLI 3028132140  
 Method of Shipment: Over  
 Received By Lab: Berry Canterbury  
 Date/Time: 7-22-05 / 8:10 AM

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

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

FDI ID

Pcs: 1 of 1

Schd: COP 0664

TUSCALOOSA, AL

From: TTL, INC  
205-345-0816

RECV: TTL, INC

C/O BUS STATION

**GPX**

TUSCLOOSA, AL 35401

Phone: 000-000-0000

GL1 302813214..



Manual Wght:

45.9

Tariff Wght:

46.0

PO/Ref #: