SUMMARY REPORT FOR SAMPLING RESULTS FOR JANUARY – APRIL 2004

INVESTIGATION OF "LOW-LYING AREAS"

Coliseum Boulevard Plume Investigation

DEPARTMENT OF TRANSPORTATION

August 30, 2004

Submitted to:

The Alabama Department of Environmental Management
Montgomery, Alabama

DEPARTMENT OF TRANSPORTATION

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TABLE OF CONTENTS

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Introduction

The ALDOT (Alabama Department of Transportation) is investigating TCE (trichloroethylene) in soil and groundwater 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 comprises four general 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 during January and April 2004.

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 three (3) Low-Lying Areas. The smallest Low-Lying area (about 2 acres) is located south of the Northern Boulevard and north of Russell Corporation. 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 mostly continue flowing to the east and north. The stream(s), storm-water run-off, and springs within the Low-Lying Areas provide water into these three areas.

Monitoring events are being performed in accordance with the Addendum 04 of the Comprehensive Work Plan. A total of 16 sample locations designated as sample locations A through P were identified for both sediment and surface water sample collection. Based on a November 2001 and February 2002, sampling results, the ALDOT recommended quarterly sediment and surface-water sampling for one year. After the May 2002 quarterly sampling event locations A through H were not monitored quarterly as TCE had never been detected at these locations. At the conclusion of one year of quarterly monitoring, the ALDOT recommended continued sediment and surface-water sampling but on a semi-annual schedule. The purpose of the semi-annual sampling was to monitor for the presence of constituents of concern in the Low-Lying Areas. The ALDOT further recommended that one of the monitoring events be scheduled for winter (January – February) and all 16 locations be sampled to coincide

with the period in which the highest concentrations of TCE have been detected in sediment and surface water samples.

This report provides the results of the January 29, 2004, semi-annual sampling event of the Low-Lying Areas. TCE was detected for the first time at sample location O during the January 2004 sample event; therefore, a confirmation sample was collected at this sample location on March 9, 2004. Results from the March 2004 confirmation sample also indicated the presence of TCE at location O. A group of five sediment samples, plus one duplicate sample, were collected on April 16, 2004 surrounding the original sample location O to assess the presence of TCE in a broader area at this location.

Sample Collection

On January 29, 2004, all 16 locations were sampled for sediments and surface-water (see Table 1 and Figure 2). An additional sampling event was performed at and around location O on March 9, and April 14, 2004, to confirm and delineate an area where TCE was detected for the first time in the January 2004 sample. During the April 2004 sampling event at location O, one sample was collected at location O and five supplementary sediment samples were collected around location O (O-North, O-South, O-East, O-West, 1 and West, 2). Each of the supplementary sampling locations was positioned about thirty (30) feet from location O or from the adjacent sampling location.

A hand auger was used to collect sediment samples at locations A through P on January 29, 2004. All sediment samples were collected from the hand auger using an EnCore sampler. The sediment samples were collected immediately above the first stiff silt, clay, or organic layer, which was approximately 8 to 15 inches below land surface (BLS).

Sixteen surface-water samples were collected during the January 2004 sampling event at locations A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, and P. 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 analytical results for samples collected on November 15 and 16, 2001, February 13 and 14, 2002, May 22, 2002, September 17, 2002, October 31, 2002, January 14, 2003, January 29, 2004, March 9, and April 14, 2004 (sediment samples at and around location O, only) are presented in Tables 2a and 2b and on Figures 3, 4, and 5.

Sediment

The sediment concentration of TCE at location O on January 29, 2004, was reported at 750 ug/kg (micrograms per kilogram). Initially, it was thought that low mass and low percent solids in the sample may have biased the sample result. Therefore, sample location O was re-sampled on March 9, 2004 and this sample contained a concentration of 104 ug/kg TCE. **TTL** performed an additional sediment sampling event on April 14, 2004, to define the extent of TCE in the sediment near location O.

In January and March 2004, concentrations of TCE were reported at 750 and 104 µg/kg at location O, respectively. A TCE concentration of 12.2J µg/kg was reported at location P (a J flag denotes concentrations that were below the laboratory instrument calibration curve, but above the method detection limit) on January 2004. Cis-1,2-dichloroethene was reported at location O in January 2004 at a concentration of 18.8J µg/kg and in March 2004 at a concentration of 35.4J µg/l. M, P, O-Xylenes was reported at 15 locations (A through O) with ranges of concentration from 3.3J to 31.2J µg/kg. Toluene was reported in 15 locations (A through O) with concentrations ranging from 3.2J to 15.9J µg/kg. Ethyl benzene was also detected at locations A and O in January 2004, at concentrations of 3.1J and 5.2J µg/kg, respectively. In March 2004, vinyl chloride was detected at a concentration of 6.3J µg/kg and toluene at 5.5J µg/kg from sample location O. Laboratory reports are included in the Attachment.

On April 14, 2004, supplemental sediment sampling was conducted at locations in and around location O (sees Figure 5). Sample location O-West 1 contained a concentration of 81.1 µg/l of TCE. TCE was not detected at sample locations O–East,

O–North, O–South, O–West, 1 dup and O–West, 2. Cis-1,2-dichloroethene was reported in four of the six locations (locations O, O-East, O-South, and O-West, 1) at concentrations of 3.1J µg/l to 486 µg/l. Vinyl chloride was reported at four of the six locations (locations O, O-South, and O-West, 1 and 2) at concentrations of 3.9J µg/kg to 44.7 µg/kg. Trans-1,2-Dichloroethene was reported at location O-West, 1 with a concentration of 25.9J µg/l. Laboratory reports are included in the Attachment.

Surface Water

During the January 2004 sampling event, TCE concentrations were reported for seven of the surface water sample locations (H, I, K, L, N, O, and P). Detected concentrations of TCE ranged from 1.1J µg/l (micrograms per liter) to 31.8 µg/l. Cis-1,2-dichloroethene was reported in only one surface-water sample at a concentration of 6.9J µg/l (location O). Chloromethane was reported in five surface-water samples at concentrations ranging from 1.0J µg/l to 4.5J µg/l (locations J, K, N, O, and P). Laboratory reports are included in the Attachment.

The chemicals of concern for this investigation were reported from the sediment samples collected in the Low-Lying Area south of the Northern Boulevard. This area is comprised of sample locations N, O, and P. Note that location N is the storm water conveyance discharge point for this area and did not contain TCE or other chemicals of concern in the sediment sample. Additionally, chemicals of concern were not detected in the sediment samples from the locations in the other two Low-Lying Areas (locations A through M). TCE surface-water sample concentrations have only been reported in the Low-Lying Areas located immediately south and north of the Northern Boulevard and not in the largest low-lying area located north of the railroad tracks.

Preliminary Ecological Screening

A preliminary ecological screening was performed using the maximum sediment and surface water concentrations collected during the eight (November 15 and 16, 2001, February 13 and 14, 2002, May 22, 2002, September 17, 2002, October 31, 2002, January 14, 2003, July 21, 2003, and January 29, 2004) sampling events. This screening evaluation was conducted to determine if an Ecological Risk Assessment should be performed in the Low-Lying Area. Table 3 compares ecological screening

values for the constituents of concern in this investigation to the maximum VOC concentrations detected in the sediment and surface water of the Low-Lying Areas.

The screening values for soil were obtained from the U. S. EPA Bulletin, Region III BTAG Screening Levels, 1995. Ecological screening values could not be obtained for the chemicals cis-1,2-dichloroethene and trans-1,2-dichloroethene from the document. Soil screening values were used as sediment screening values was not available from Regions III or IV. No soil screening values were available from the ADEM (Alabama Department of Environmental Management) or from the EPA Region IV.

Trichloroethylene, cis-1,2-dichloroethene, vinyl chloride, and trans-1,2-dichloroethene are the volatile organic compounds identified as constituents of concern in the analyses of the sediment samples from the Low-Lying areas. Benzene, toluene, ethyl benzene, M, P-Xylenes, O-Xylene, trichlorofluoromethane, and methylene chloride have not been identified as constituents of concern for this investigation and; therefore, were not considered for the screening.

The screening value for TCE in sediment is 300 parts per billion (ppb) or µg/kg. On January 29, 2004, the concentration of TCE at location O, a small isolated area south of the Northern Boulevard, was 750 µg/kg. A confirmation sample collected on March 9, 2004 reported TCE at 104 µg/kg. On April 19, 2004, six sediment samples were collected at and around location O. The April 2004 results reported no detectable concentration of TCE at location O and only one location (O-West, 1) contained a TCE concentration of 81.1 µg/kg. Therefore, the concentrations of the constituents of concern detected in the Low-Lying Areas do not exceed the ecological screening values for sediments from the Region III BTAG.

The sediment screening value for vinyl chloride is 300 µg/kg. The maximum vinyl chloride concentration detected in sediment is 44.7 µg/kg (location O-West, 1 on April 14, 2004). Therefore, the concentrations of the constituents of concern detected in the Low-Lying Areas do not exceed the ecological screening values for sediments from the Region III BTAG.

The screening values used for the surface water evaluation were calculated using equation nineteen and information in Table 1 from the ADEM, Water Division - Water Quality Program; July 14, 1999, Revision; Toxic Pollutant Criteria; 335-6-10-.07. This is also the source of the action level that the ADEM set for Trichloroethylene in the

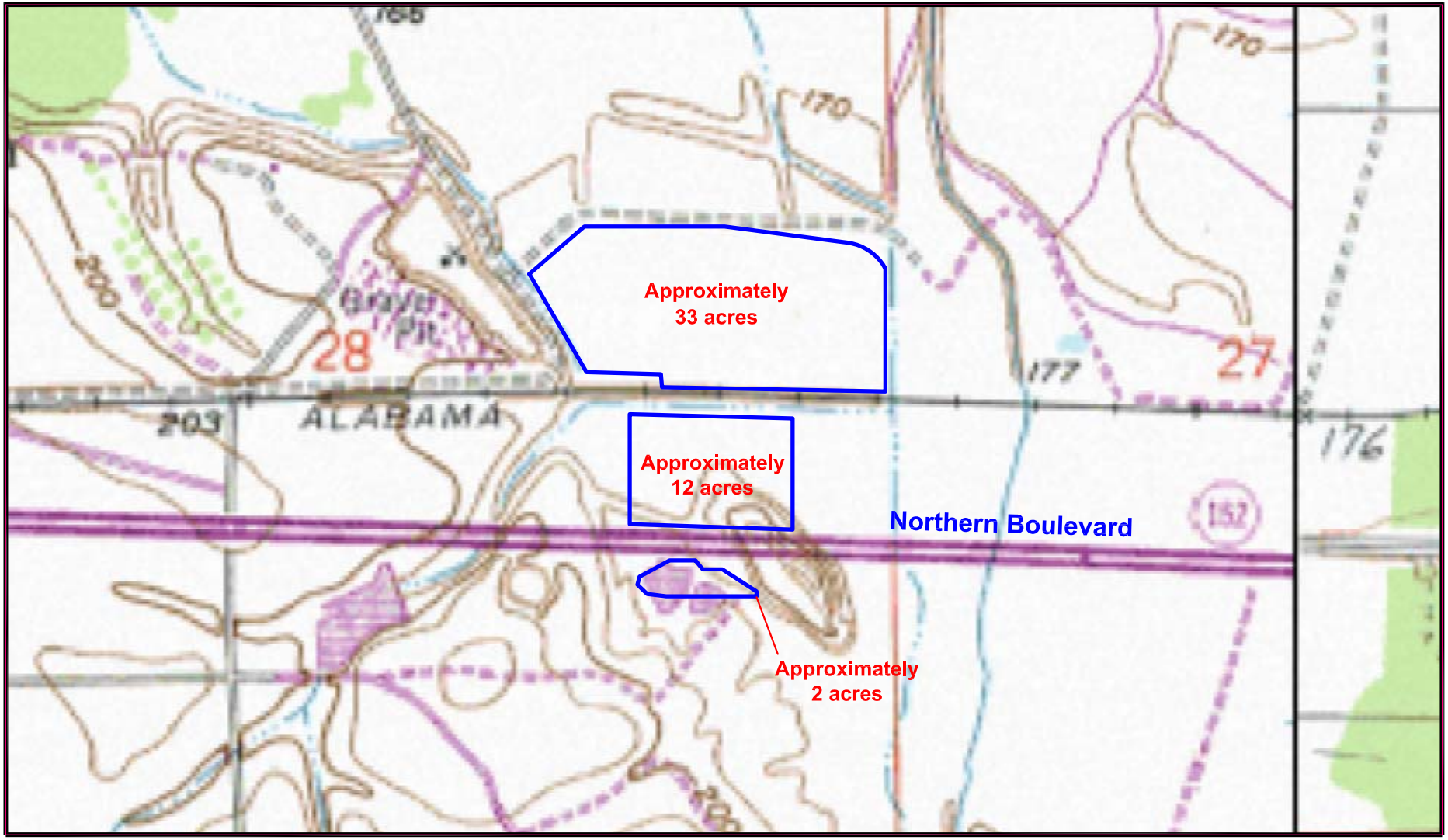
Kilby Ditch. Trichloroethylene, toluene, chloromethane, vinyl chloride, cis-1,2-dichloroethene, and methylene chloride are compounds of VOC's identified in the surface-water samples. Toluene and methylene chloride were not compared to a screening value because neither compound has been identified as a constituent of concern for this investigation. Screening values are not available for chloromethane and cis-1,2-dichloroethene.

None of the maximum surface water concentrations for the constituents of concern exceeded the ecological screening values. The screening value for TCE in surface water is 175 µg/l. The maximum concentration historically detected in surface water of the Low-Lying Areas is 43.2 µg/l at location P on January 14, 2003. The maximum surface water concentration of vinyl chloride is estimated at 4.8µg/l collected at location O, on October 31, 2002. The screening value for vinyl chloride is 1,167 µg/l.

Recommendations

The ALDOT recommends continuing the semi-annual monitoring events for locations I through P to determine the presence of constituents of concern in the Low-Lying Areas. Samples of sediment and surface-water should be collected from location N, O, and P quarterly to determine whether concentrations in this area are increasing. No conclusions can be rendered regarding concentration trends based on current sampling data for locations N, O, and P.

FIGURES



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

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

Topographic Locations of Low Lying Areas

N

Low Lying Areas

SCALE: 1" = 800'

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

FIGURE 1

OLD ROAD BED

DIRT ROAD

SS MANHOLE

SS MANHOLE

WASTE MANAGEMENT

OT ROW

BLVD

DITCH

EXISTING BRIDGE

W.S. Newell

OPEN EARTH DITCH

Corona Drive

lina Place

Russell Corp. Distribution Facility

Folmer Boulevard

Three Mile Branch

A*

B*

C*

D*

E*

F*

G*

H*

I

J

K

L

M

N

O

P

N

LEGEND:

Boundary of **Low Lying Area**

M • Sample location and Identifier

Approximate locations of **inter**mittent streams

* Not sampled – Location **was not scheduled** for sampling during this quarterly event

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Sample locations and identifiers. January 29, and March 9, 2004. Semi–Annual Event. "Low–Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 030509 | SCALE: 1" = 300' | Figure 2

OLD ROAD BED

DIRT ROAD

SS MANHOLE

SS MANHOLE

WASTE MANAGEMENT

ROW

DITCH

BLVD

EXISTING BRIDGE

W.S. Newell

OPEN EARTH DITCH

Russell Corp. Distribution Facility

Corona Drive

Celina Place

Bella Vista Dr

Three Mile Branch

Folmer Boulevard

N

A — TCE/ND M,P,O,X/18.9J Tol/8.4J EB/3.1J

B — TCE/ND M,P,O,X/7.3J Tol/4.0J

C — TCE/ND M,P,O,X/9.0J Tol/4.5J

D — TCE/ND M,P,O,X/5.5J Tol/3.2J

E — TCE/ND M,P,O,X/16.6J Tol/8.0J

F — TCE/ND M,P,O,X/6.0J Tol/3.5J

G — TCE/ND M,P,O,X/5.5J Tol/3.3J

H — TCE/ND M,P,O,X/7.1J Tol/4.1J

I — TCE/ND M,P,O,X/5.2J Tol/4.1J

J — TCE/ND M,P,O,X/5.0J Tol/5.7J

K — TCE/ND M,P,O,X/5.2J Tol/3.4J

L — TCE/ND M,P,O,X/3.3J Tol/3.5J

M — TCE/ND M,P,O,X/6.7J Tol/4.2J

N — TCE/12.2J

O — TCE/750 Cis-1,2/18.8J Tol/15.9J EB/5.2J M,P,O,X/31.2J

P — March 9, 2004* TCE/104* Cis-1,2/35.4J* VC/6.3J* Tol/5.5J*

TCE/ND M,P,O,X/5.3J Tol/3.2J

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)

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Analytical results of sediment samples on January 29, and March 9, 2004. Investigation of "Low-Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 040319.3

SCALE: 1" = 300'

Figure 3

OLD ROAD BED

DIRT ROAD

SS MANHOLE

SS MANHOLE

WASTE MANAGEMENT

EXISTING BRIDGE

DITCH

T ROW

LVD

W.S. Newell

OPEN EARTH DITCH

Corona Drive

elina Place

Russell Corp. Distribution Facility

Folmer Boulevard

Three Mile Branch

N

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

Analytical results of surficial water samples on January 29, and March 9, 2004. Work plan 04-Investigation of "Low-Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

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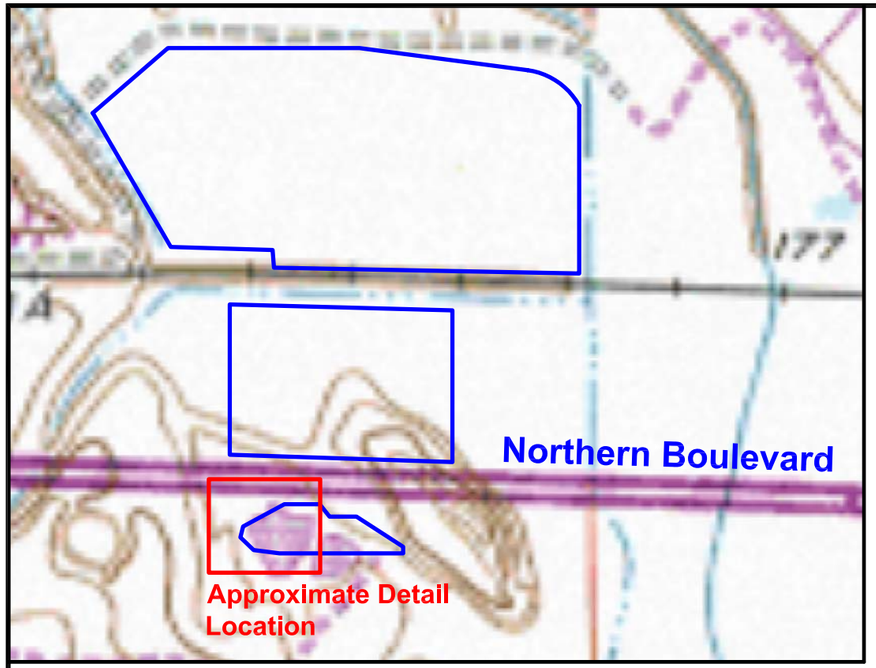
TTL PROJECT NUMBER:0700-024

Drawing No. 040319.2

SCALE: 1" = 300'

Figure 4



N

N

TCE/81.1
TCE dup/ND
VC/44.7
VC dup/30.4J
Trans−1,2/25.9J
Trans−1,2 dup/3.0J
Cis−1,2/486
Cis−1,2 dup/22.3J
Tol/6.3J
Tol dup/6.7J

TCE/ND
VC/3.9J
Cis−1,2/3.4J
Tol/6.1J

O−North
TCE/ND
Tol/3.4J

O−West,1

O

O−East
TCE/ND
Cis−1,2/6.2J
Tol/9.5J

O−West,2
TCE/ND
VC/8.0J
Tol/11.0J

O−South
TCE/ND
VC/5.1J
Cis−1,2/3.1J
Tol/6.1J

P

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
Cis−1,2	Cis−1,2−Dichloroethene
VC	Vinyl Chloride
Trans−1,2	Trans−1,2−Dichloroethene
Tol	Toluene
dup	duplicate
ND	Not Detected (below MDL)
	Boundary of Low Lying Area
O	**Sample location and Ide**ntifier (collected at 8−12" BLS)

ALDOT Coliseum Boulevard Plume Investigation

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Analytical results of sediment samples on April 14, 2004. Investigation of "Low−Lying Areas." Coliseum Boulevard Plume. Montgomery, Alabama.

TTL PROJECT NUMBER:0700−024

SCALE: 1" = 40'

Figure 5

Drawing No. 040414

TABLES

TABLE 1. Sediment and Surface-Water Sample Locations in Low-Lying Area; Coliseum Boulevard Plume Investigation Site, Montgomery, Montgomery County, Alabama.	
Sample Location Identifier	**Description**
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)[1] in samples of sediment from the "Low-Lying areas"; February 2004 through April 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	Trans-1,2-Dichloroethene
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]	3.0 µg/kg[3]
A	11/15/01	6	ND[4]	ND	ND	ND	ND	ND	4.3J[5]	ND	ND	ND	ND
	2/13/02	12	ND	ND	ND	ND	ND	ND	ND	ND	6.3J	ND	ND
	5/22/02	-	NC[6]	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	18.9J	ND	8.4J	ND	3.1J	ND
B	11/15/01	5	ND	ND	ND	ND	ND	ND	3.6J	ND	ND	ND	ND
	2/13/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B - dup[7]	2/13/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	7.3J	ND	4.0J	ND	ND	ND
C	11/15/01	8	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND	ND
	2/13/02	8	NR[8]	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	9.0J	ND	4.5J	ND	ND	ND
D	11/15/01	8	ND	ND	ND	ND	ND	ND	ND	3.3J	ND	ND	ND
D-dup	11/15/01	8	ND	ND	ND	ND	ND	ND	ND	12.4J	ND	ND	ND
D	2/13/02	8	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	5.5J	ND	3.2J	ND	ND	ND
E	11/15/01	4	ND	ND	ND	ND	ND	ND	3.9J	25.5J	ND	ND	ND
	2/13/02	7	ND	ND	ND	ND	ND	ND	ND	9.5	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	16.6J	ND	8.0J	ND	ND	ND
F	11/15/01	6	ND	ND	ND	ND	ND	ND	10.6J	8.8J	ND	ND	ND
	2/13/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	6.0J	ND	3.5J	ND	ND	ND
G	11/15/01	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/02	7	ND	ND	ND	ND	ND	ND	ND	ND	14.4	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	5.5J	ND	3.3J	ND	ND	ND
H	11/15/01	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/02	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	7.1J	ND	4.1J	ND	ND	ND
I	11/16/01	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	12.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	5	6.8J	ND	ND	ND	ND	1.9J	4.2J	4.7J	ND	ND	ND
	9/17/02	6	ND[9]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	8	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)	ND (<2.6)
	7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I-dup	7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I	1/29/04	8	ND	ND	ND	ND	ND	5.2J	ND	4.1J	ND	ND	ND
	4/14/04	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
J	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	7.5J	4.1J	ND	ND	ND
	9/17/02	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	8	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)	ND (<2.4)
	7/21/03	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.0J	ND	5.7J	ND	ND	ND
	4/14/04	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Table 2a. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying areas"; February 2004 through April 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	Trans-1,2-Dichloroethene
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]	3.0 µg/kg[3]
K	11/16/01	8	ND	ND	ND	ND	ND	ND	3.1J	ND	ND	ND	ND
K-dup	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	5/22/02	12	ND	ND	ND	ND	ND	ND	3.2J	6.0J	ND	ND	ND
	9/17/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	10	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
	7/21/03	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.2J	ND	3.4J	ND	ND	ND
	4/14/04	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
L	11/16/01	10	3.9J	ND	ND	ND	ND	ND	3.1J	ND	ND	ND	ND
	2/14/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
L-dup	5/22/02	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
L	9/17/02	8	26.4J	6.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	9	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
	7/21/03	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	3.3J	ND	3.5J	ND	ND	ND
	4/14/04	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
M	11/16/01	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND	ND
	2/14/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	3.3J	3.0J	ND	ND	ND
	9/17/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	9	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)	ND (<1.3)
	7/29/03[11]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	6.7J	ND	4.2J	ND	ND	ND
	4/14/04	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
N	11/15/01	3	50.6J	ND	ND	ND	ND	ND	6.6J	16.4J	ND	ND	ND
	2/13/02	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	10	ND	ND	ND	ND	ND	ND	3.3J	ND	ND	ND	ND
	9/17/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	9/17/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	ND
	1/14/03[10]	8	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)	ND (<1.2)
	7/21/03	2	3.6J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.3J	ND	3.2J	ND	ND	ND
	4/14/04	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
O	11/15/01	3	ND	ND	ND	ND	ND	ND	3.1J	3.3J	ND	ND	ND
	2/13/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	4.8J	4.0J	5.7J	ND	ND
	9/17/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	ND	ND	35.1	ND	ND	ND	ND	7.1J	ND	ND	ND
	1/14/03[10]	11	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)	ND (<1.6)
	7/21/03	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	750	18.8J	ND	ND	ND	31.2J	ND	15.9J	ND	5.2J	ND
	3/9/04[12]	15	104	35.4J	6.3J	ND	ND	ND	ND	5.5J	ND	ND	ND
	4/14/04[13]	8-12	ND	3.4J	3.9J	ND	ND	ND	ND	6.1J	ND	ND	ND
O - East	4/14/04[13]	8-12	ND	6.2J	ND	ND	ND	ND	ND	9.5J	ND	ND	ND
O - North	4/14/04[13]	8-12	ND	ND	ND	ND	ND	ND	ND	3.4J	ND	ND	ND
O - South	4/14/04[13]	8-12	ND	3.1J	5.1J	ND	ND	ND	ND	6.1J	ND	ND	ND
O - West 1	4/14/04[13]	8-12	81.1	486	44.7	ND	ND	ND	ND	6.3J	ND	ND	25.9J
O - West 1 dup	4/14/04[13]	8-12	ND	22.3J	30.4J	ND	ND	ND	ND	6.7J	ND	ND	3.0J
O - West 2	4/14/04[13]	8-12	ND	ND	8.0J	ND	ND	ND	ND	11.0J	ND	ND	ND

Table 2a. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of sediment from the "Low-Lying areas"; February 2004 through April 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	Trans-1,2-Dichloroethene
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]	3.0 µg/kg[3]
P	11/15/01	2	ND	ND	ND	ND	ND	ND	ND	ND	7.1J	ND	ND
	2/13/02	9	10.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	11	7.0J	ND	ND	ND	ND	ND	6.7J	ND	ND	ND	ND
	9/17/02	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[10]	10	11.0	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)	ND (<1.1)
	7/21/03	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	12.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.
[13] On April 14, 2004, location O was the only location sampled due to an ambiguous level of TCE detected in the sediment sample collected on March 9, 2004.

Table 2b. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of surface water from the "Low-Lying Areas"; January 2004 Low-Lying Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		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	11/15/01	ND[4]	ND	ND	ND	ND	ND
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC[5]	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
B	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
B-dup[6]	2/13/02	ND	ND	ND	ND	ND	ND
B	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
C	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	3
	1/29/04	ND	ND	ND	ND	ND	ND
D	11/15/01	NC	NC	NC	NC	NC	NC
D-dup	11/15/01	NC	NC	NC	NC	NC	NC
D	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
E	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
F	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	1.1J[7]
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
G	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	ND	ND	ND	ND	ND	ND
H	11/15/01	ND	ND	ND	ND	ND	ND
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	1/29/04	1.1J	ND	ND	ND	ND	ND
I	11/16/01	4.6J	ND	ND	ND	ND	ND
	2/14/02	5.0J	ND	ND	ND	ND	ND
	5/22/02	2.3J	ND	ND	ND	ND	ND
	9/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	4.2J	ND	ND	ND	ND	ND
	1/14/03	4.3J	ND	ND	ND	ND	ND
	7/21/03	7.5J	ND	ND	ND	ND	ND
I-dup	7/21/03	7.5J	ND	ND	ND	ND	ND
I	1/29/04	2.4J	ND	ND	ND	ND	ND
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

Table 2b. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of surface water from the "Low-Lying Areas"; January 2004 Low-Lying Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		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]
	1/29/04	ND	ND	ND	1.2J	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
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
M	11/16/01	ND	ND	ND	ND	ND	ND
	2/14/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	9/17/02	NC	NC	NC	NC	NC	NC
	10/31/02	NC	NC	NC	NC	NC	NC
	1/14/03	ND	ND	ND	ND	ND	ND
	7/29/03[8]	ND	ND	ND	ND	ND	5.0J
	1/29/04	ND	ND	ND	ND	ND	ND
N	11/15/01	7.0J	ND	ND	ND	ND	ND
	2/13/02	16.8J	ND	ND	ND	ND	ND
	5/22/02	7.6J	ND	ND	ND	ND	ND
	9/17/02	3.7J	ND	ND	ND	ND	ND
N-dup	9/17/02	3.7J	ND	ND	ND	ND	ND
N	10/31/02	10.0J	ND	ND	ND	ND	ND
	1/14/03	15.2J	ND	ND	ND	ND	ND
	7/21/03	28.0	ND	ND	ND	ND	ND
	1/29/04	15.2J	ND	ND	3.2J	ND	ND
O	11/15/01	NC	NC	NC	NC	NC	NC
	2/13/02	ND	ND	ND	ND	ND	ND
	5/22/02	NC	NC	NC	NC	NC	NC
	9/17/02	ND	ND	ND	1.0J	ND	ND
	10/31/02	2.5J	15.3J	4.8J	ND	ND	ND
	1/14/03	4.8J	14.4J	ND	ND	ND	ND
	7/21/03	NS[9]	NS	NS	NS	NS	NS
	1/29/04	31.8	6.9J	ND	4.5J	ND	ND
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
Rinsate	11/15/01	ND	ND	ND	ND	ND	ND
Blank	11/15/01	ND	ND	ND	ND	ND	ND
Rinsate	2/13/02	ND	ND	ND	ND	ND	ND
Blank	2/13/02	ND	ND	ND	ND	ND	ND
Rinsate	5/22/02	ND	ND	ND	ND	5.1J	ND

Table 2b. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of surface water from the "Low-Lying Areas"; January 2004 Low-Lying Report; Coliseum Blouevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		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]
Blank	5/22/02	ND	ND	ND	ND	ND	ND
Rinsate	9/17/02	ND	ND	ND	ND	ND	ND
Blank	9/17/02	ND	ND	ND	ND	ND	ND
Rinsate	10/31/02	ND	ND	ND	ND	ND	ND
Blank	10/31/02	ND	ND	ND	ND	ND	ND
Rinsate	1/14/03	ND	ND	ND	ND	ND	ND
Blank	1/14/03	ND	ND	ND	ND	ND	ND
Rinsate	7/21/03	ND	ND	ND	ND	ND	ND
Blank	7/21/03	ND	ND	ND	ND	ND	ND
Blank (Loc. M)	7/29/03	ND	ND	ND	ND	ND	ND
Rinsate[10]	1/29/04	NC	NC	NC	NC	NC	NC
Blank[10]	1/29/04	NC	NC	NC	NC	NC	NC
Rinsate	4/14/04	ND	ND	ND	ND	ND	ND
Blank	4/14/04	ND	ND	ND	ND	ND	ND
Rinsate 2	11/16/01	ND	ND	ND	ND	ND	ND
Blank	11/16/01	ND	ND	ND	ND	ND	ND
Rinsate 2	2/14/02	ND	ND	ND	ND	ND	ND
Blank	2/14/02	ND	ND	ND	ND	ND	ND

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.

ATTACHMENT

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.

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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: 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

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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 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

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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: 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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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above 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 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.

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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 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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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: 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

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

V. Jesse Burns, Chemist

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

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: 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

The sample was 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: 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

The sample was 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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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 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

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

V. Jesse Burns, Chemist

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

3516 Greensboro Avenue (35401) ■ Drawer 1128 (35403) ■ Tuscaloosa, Alabama ■ 205.345.0816 ■ Fax 205.345.0992

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: 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

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

V. Jesse Burns, Chemist

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

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

V. Jesse Burns, Chemist

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above 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 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, ug/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.

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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: 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.

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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 Blvd. Plume; Montgomery, AL.
Sample ID: C 8"
TTL Lab Number: 040130011-015A
TTL Job Number: 0700-024

Compounds	Result, ug/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	18.8	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	750	
1,2-Dichloropropane	3.0	ND
Bromodichloromethane	3.0	ND
Cis-1,3-Dichloropropene	3.0	ND
Toluene	15.9	J
Trans-1,3-Dichloropropene	3.0	ND
1,1,2-Trichloroethane	3.0	ND
Tetrachloroethylene	3.0	ND
Dibromochloromethane	3.0	ND
Chlorobenzene	3.0	ND
1,1,1,2-Tetrachloroethane	3.0	ND
Ethylbenzene	5.2	J
M,P-Xylenes	24.5	J
O-Xylene	6.7	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 outlind in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846

V. Jesse Burns, Chemist

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

**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

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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: 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

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: 01.29.04
Sampled By: Reggie Robinson Greg Mellc
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.: 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 #: 301604186 4
Method of Shipment: BUS
Received By Lab:
Date/Time 0 1800 9 040

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

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: 01.29.04
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	2:55	K 8'1	Solid	X		4	Ice	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 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 #: 301684864
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

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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
040310032

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

Date	Time	Sample ID/Description	Sample Type	Sample Method		# of Containers	Preservatives	Analysis Parameters
			Solid, Etc.	Grab	Comp			
3-9-04	1:pm	0 - 15"	SOIL	✓		3	ICE	VOC

CUSTODY TRANSFERS PRIOR TO SHIPPING

Relinquished by: (signed) Date/Time
1. 3/9/04 2:30 pm
2. 3-9-04 17:00 hrs
3. 3-10-04 9:40

Received by (signed) Date/Time
1. 3-9-04 16:30 hrs
2. 3-10-04 9:30
3.

SHIPPING DETAILS

Air Bill #: 301692328
Method of Shipment: BUS
Received By Lab:
Date/Time 03/10/04 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

Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O @ 8-12"
TTL Lab Number: 040415004.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	3.9	J
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	3.0	ND
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	3.4	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:	3.0	ND
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	6.1	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:	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.

Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O-South @ 8-12"
TTL Lab Number: 040415004.002A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	5.1	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:	3.1	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:	6.1	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:	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

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TTL
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Geotechnical Engineering ■
Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O-East @ 8-12"
TTL Lab Number: 040415004.003A
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:	6.2	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:	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

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

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Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O-West 1 @ 8-12"
TTL Lab Number: 040415004.004A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	44.7	
Chloroethane:	3.0	ND
Trichlorofluoromethane:	3.0	ND
1,1-Dichloroethene:	3.0	ND
Methylene Chloride:	3.0	ND
Trans-1,2-Dichloroethene:	25.9	J
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	486	
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:	81.1	
1,2-Dichloropropane:	3.0	ND
Bromodichloromethane:	3.0	ND
CIS-1,3-Dichloropropene:	3.0	ND
Toluene:	6.3	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:	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

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Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O-West 1 Dup @ 8-12"
TTL Lab Number: 040415004.005A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	30.4	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	J
1,1-Dichloroethane:	3.0	ND
Cis-1,2-Dichloroethene:	22.3	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:	6.7	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

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Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O-West 2 @ 8-12"
TTL Lab Number: 040415004.006A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

COMPOUNDS	RESULTS, µg/Kg	FLAG*
Chloromethane:	3.0	ND
Vinyl Chloride:	8.0	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:	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:	11.0	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

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Analytical Services ■

Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 16, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Soil
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Location O-North @ 8-12"
TTL Lab Number: 040415004.007A
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	3.4	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
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

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TTL WORK ORDER NUMBER
040415 004

TTL Technology and Tradition

Sheet 1 of ____

Chain of Custody Form

Client: ALDOT
Contact: Kidada Dixon
Mailing Address: 4154 Lomac Street
City, State, Zip: Montgomery, AL 36106
Phone No.: 334-244-0766
Date: 4-14-04
Sampled By: Kim Harruff ; Greg Meeks
Sample Site: Coliseum Boulevard Plume Investigation - Low Lying
TTL Job No.: 0700-024 Client P.O. # ____

Sample Security Requirements

1. Condition of Contents: Cool
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			
4/14	10:05							
4/14	10:05	Location O	Solid		✓	3	ICE	VOC
	10:15	Location O-South	Solid		✓	3	ICE	VOC
	10:30	Location O-East	Solid		✓	3	ICE	VOC
	10:40	Location O-West, 1	Solid		✓	3	ICE	VOC
	10:45	Location O-West, #1 Dup	Solid		✓	3	ICE	VOC
	10:09	Location O-West, 2	Solid		✓	3	ICE	VOC
	11:16	Location O-North	Solid		✓	3	ICE	VOC
		All Sample Depths For All	location		8-12" BLS			

CUSTODY TRANSFERS PRIOR TO SHIPPING

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

1 [signature] 4/14/04 2:00pm
2 [signature] 4.14.04 17:30 — Tom
3 [signature] 4-15-04 9:30a

Received by (signed) Date/Time

1 [signature] 4.14.04 17:00
2 [signature] 4/15/04 7:30
3 ____

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: ~~BUS~~ TTL
Received By Lab: [signature]
Date/Time 4/15/04 9:00

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

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Client: Alabama Department of Transportation
Sample Date: April 14, 2004
Date Analyzed: April 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Personnel (KH,GM)
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Rinsate
TTL Lab Number: 040415005.001A
TTL Job Number: 0700-024

VOLATILE ORGANIC HYDROCARBONS

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

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

V. Jesse Burns, Chemist

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* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above 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: April 14, 2004
Date Analyzed: April 19, 2004
Analyzed By: TTL Personnel (VJB)
Sample Type: Aqueous
Sampled By: TTL Lab Personnel
Sample Site: Coliseum Boulevard Plume, Montgomery, AL
Sample ID: Blank/ Location O/Rinsate
TTL Lab Number: 040415005.002A
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-Tetrachioroethane:	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

** The sample was reanalyzed out of holding time.
* J = reportable concentration less than the lowest concentration level of the instrument calibration curve but above the detection limit. ND = concentration of the compound cannot be found at or above 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
040415005

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: 4-14-04
Sampled By: Greg Meeks & Kim Harkleroad
Sample Site: Coliseum Boulevard Plume Investigation - Loco Lying
TTL Job No.: 0700-024 Client P.O. # _____

Sample Security Requirements

1. Condition of Contents: COOL
2. Sealed for Shipping By: RER
3. Initial Contents Temp.: 1 CB °C Seal 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			
~~4-14~~	~~11:05~~	~~Rinsate~~						
4-14	11:05	Rinsate	Aqueous	✓		3	HCL	VOC
		Trip Blank	"	✓		3	"	VOC

To Montgomery Lab

CUSTODY TRANSFERS PRIOR TO SHIPPING

	Relinquished by: (signed) Date/Time	Received by (signed) Date/Time
1	4/14/04 2:30pm	4.14.04 17:00
2	4/15/04 17:35	4/19/04 7:15
3	4/19/04 9:30	

SHIPPING DETAILS

Air Bill #: ____
Method of Shipment: ~~BUS~~ TTL
Received By Lab: ____
Date/Time 4-15-04 9:40

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