SUMMARY REPORT FOR THE APRIL 2007 SAMPLING EVENT

INVESTIGATION OF "LOW-LYING AREAS"

Coliseum Boulevard Plume Site Montgomery, Alabama

DEPARTMENT OF TRANSPORTATION

June 2007

Submitted to:

The Alabama Department of Environmental Management
Montgomery, Alabama

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Introduction

The ALDOT (Alabama Department of Transportation) is investigating the soil and groundwater for TCE (trichloroethylene) in the area known as the Coliseum Boulevard Plume in Montgomery, Alabama. The investigation is being conducted under the direction of the ADEM (Alabama Department of Environmental Management). The investigation is comprised of four general investigative areas: 1) the Kilby Ditch, 2) the Probehole 12 area, 3) Low-Lying Areas, and 4) Southwest. This report contains results of samples of sediment and surface water collected from the Low-Lying Areas during the 2007 2nd Quarter Event..

The Low-Lying Areas consist of four (4) different areas. Each of the Low-Lying Areas are located downstream (north) and/or east of the Kilby Ditch (Figure 1). The construction of roads, railroad tracks, and other human and natural activities has resulted in the impoundment of water in these Low-Lying Areas. The smallest Low-Lying area (about 2 acres) is located south of North Boulevard and north of Russell Corporation. Surface water in this area is recharged from Kilby Ditch, storm-water runoff, a wastewater / stormwater outfall from Russell Corporation, and a high water table. Between North 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 North Boulevard and discharges into a perennial stream that is north of North Boulevard. The perennial stream continues and divides into braided streams that generally flow to the east and north. Based on recent site reconnaissance, it has been noted that the Low-Lying Areas north of the railroad tracks and the area between North Boulevard and the railroad tracks are not hydraulically connected by surface water.

The surface water and sediment monitoring events for the Low-Lying Areas are being performed in accordance with the Addendum 04 of the Comprehensive Work Plan. Sample locations A through H are north of the railroad tracks and are monitored annually. Sample locations I through M are north of North Boulevard but south of the railroad tracks are monitored semi-annually. Locations N through P are south of North Boulevard and are monitored quarterly.

This report provides the results for the April 2007 sampling event.

Sample Collection

On April 11, 2007, three (3) locations (locations N through P) were sampled for VOCs in sediments and surface-water (see Table 1 and Figure 2).

A hand auger was used to collect sediment samples at the selected locations. Sediment samples for VOC were collected from the hand auger using an EnCore sampler. A split sample was utilized for moisture content determinations to allow reporting of VOCs on a dry weight basis. Sampling depth has varied as sedimentation depth is influenced by the velocity and depth of the water flow in the Low-Lying Areas. The sediment samples were collected immediately above the first stiff silt, clay, or organic layer, which was approximately 9 inches below land surface (BLS).

Surface-water samples were collected by slowly lowering an upright VOC glass vial, which contained hydrochloric acid as a preservative, into the water. The cap of the VOC vial was used to add water to form a meniscus before sealing the vial with a Teflon-lined cap (zero headspace). Samples were collected at locations N through P on April 11, 2007.

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

Results

The historical and current analytical results for samples collected in the Low-Lying Areas are presented in Tables 2a (sediment results) and 2b (surface water results). Analytical results for the April 2007 sampling event are shown on in Figure 3 (sediment results) and Figure 4 (surface water results).

Sediment

During this event, sediment samples collected at all locations did not contain TCE, cis-1,2-dichloroethene, or vinyl chloride at concentrations of greater than 5 micrograms per kilogram (µg/kg). Laboratory reports are included in the Attachment.

Surface Water

During the April 2007 sampling event, TCE concentrations were detected in two of the three sample locations (N, O and P) sampled. Detected concentrations of TCE ranged from 4 µg/l (micrograms per liter) at sample location O to 16 µg/l at sample location N. No TCE was detected at location P at concentrations ≥ 5 ug/l. Laboratory reports are included in the Attachment.

Preliminary Ecological Screening

A screening evaluation was conducted to determine if an Ecological Risk Assessment should be performed in the Low-Lying Areas. A preliminary ecological screening has been performed using the maximum sediment and surface water concentrations reported from the sixteen (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, January 29, 2004, July 26, 2004, October 20, 2004, January 31, 2005, May 4, 2005, July 21, 2005, October 27, 2005, January 26, 2006, April 19, 2006, July 25, 2006, and October 31, 2006) sampling events. 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 TCE in sediment were obtained from the U. S. EPA Bulletin, Region III BTAG Screening Levels, 1995. An ecological screening value could not be obtained for vinyl chloride in sediment from the document, therefore, the screening value for vinyl chloride in soil was used from the U. S. EPA Bulletin, Region III BTAG Screening Levels, 1995 document. Ecological screening values for cis-1,2-

dichloroethene and trans-1,2-dichloroethene were not available for sediment or soil from either of the 1995 EPA Bulletin documents. No soil or sediment screening values were available from the ADEM (Alabama Department of Environmental Management) or from the EPA Region IV. 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.

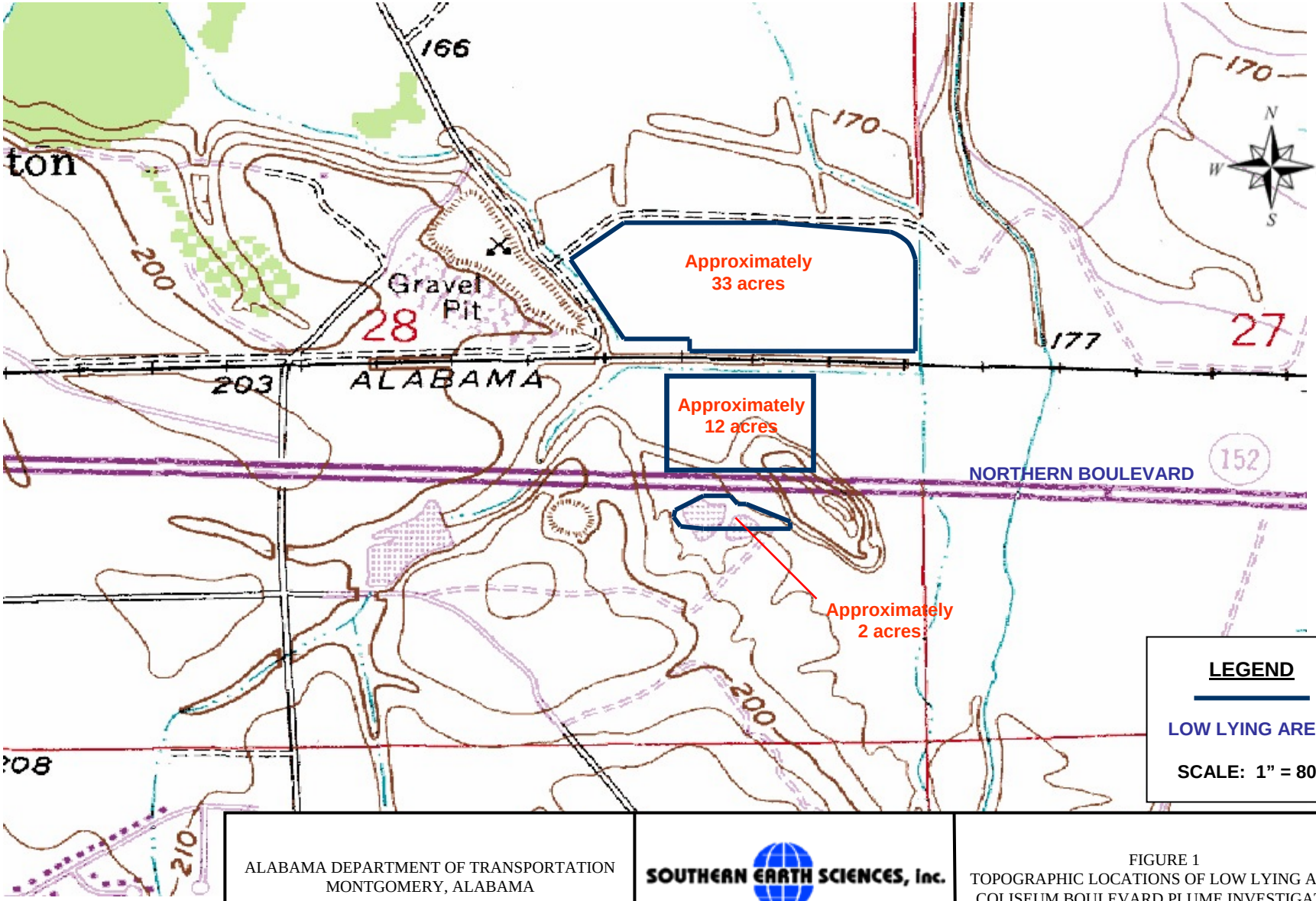
The screening values used for the surface water evaluation were calculated using equation 19 and information in Table 1 from the ADEM, Water Division - Water Quality Program; July 14, 1999, Revision; Toxic Pollutant Criteria; 335-6-10-.07. Toluene and methylene chloride were not compared to a screening 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.

No maximum concentrations from this sampling event exceeded the soil and surface water ecological screening values.

Recommendations

The ALDOT recommends continuing the annual monitoring for locations A through P, semi-annual monitoring for locations I through P, and quarterly monitoring for locations N through P in the Low-Lying Areas.

FIGURES



ALABAMA DEPARTMENT OF TRANSPORTATION
MONTGOMERY, ALABAMA

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

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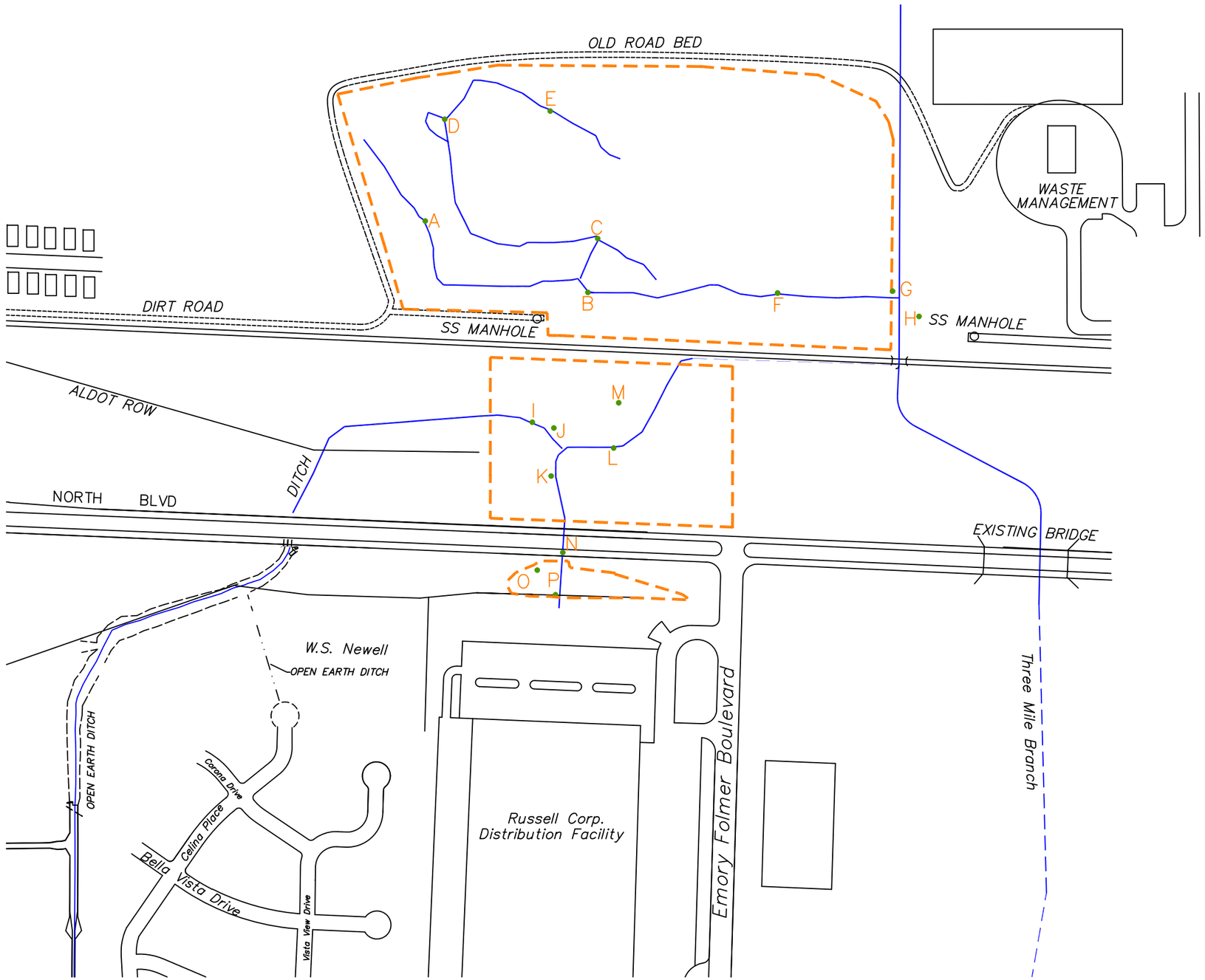
FIGURE 1
TOPOGRAPHIC LOCATIONS OF LOW LYING AREAS
COLISEUM BOULEVARD PLUME INVESTIGATION
MONTGOMERY, ALABAMA
SESI JOB #C-06-401

NOTE: 1) ALL UNITS LISTED ARE IN MICROGRAMS PER KILOGRAM (UG/KG) OR PARTS PER BILLION EQUIVALENT.
2) ONLY DETECTED CONSTITUENT ARE ILLUSTRATED.



-400 -200 0 -400

SCALE, IN FEET

LEGEND

Boundary of Low Lying Area

M Sample location and Identifier

Approximate locations of intermittent streams

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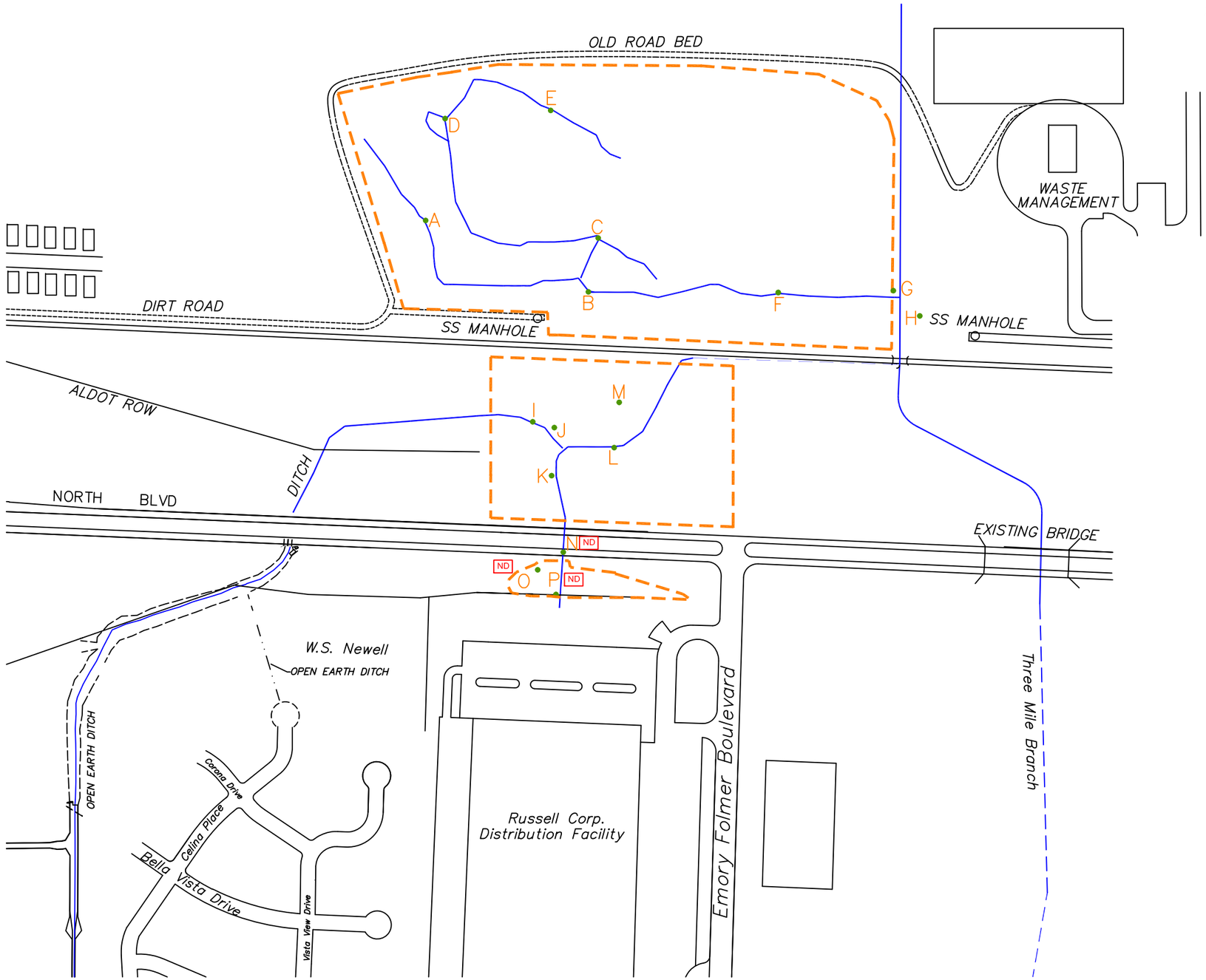
ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 2 - SAMPLE LOCATIONS AND IDENTIFIERS
LOW-LYING AREAS
APRIL 2007 SAMPLING EVENT
SESI JOB # C-06-401

NOTE: 1) ALL UNITS LISTED ARE IN MICROGRAMS PER KILOGRAM (UG/KG) OR PARTS PER BILLION EQUIVALENT.
2) ONLY DETECTED CONSTITUENT ARE ILLUSTRATED.



-400 -200 0 -400

SCALE, IN FEET

LEGEND

ND — Not Detected

Boundary of Low Lying Area

M • — Sample location and Identifier

Approximate locations of intermittent streams

B – CONSTITUENT DETECTED IN LABORATORY BLANK

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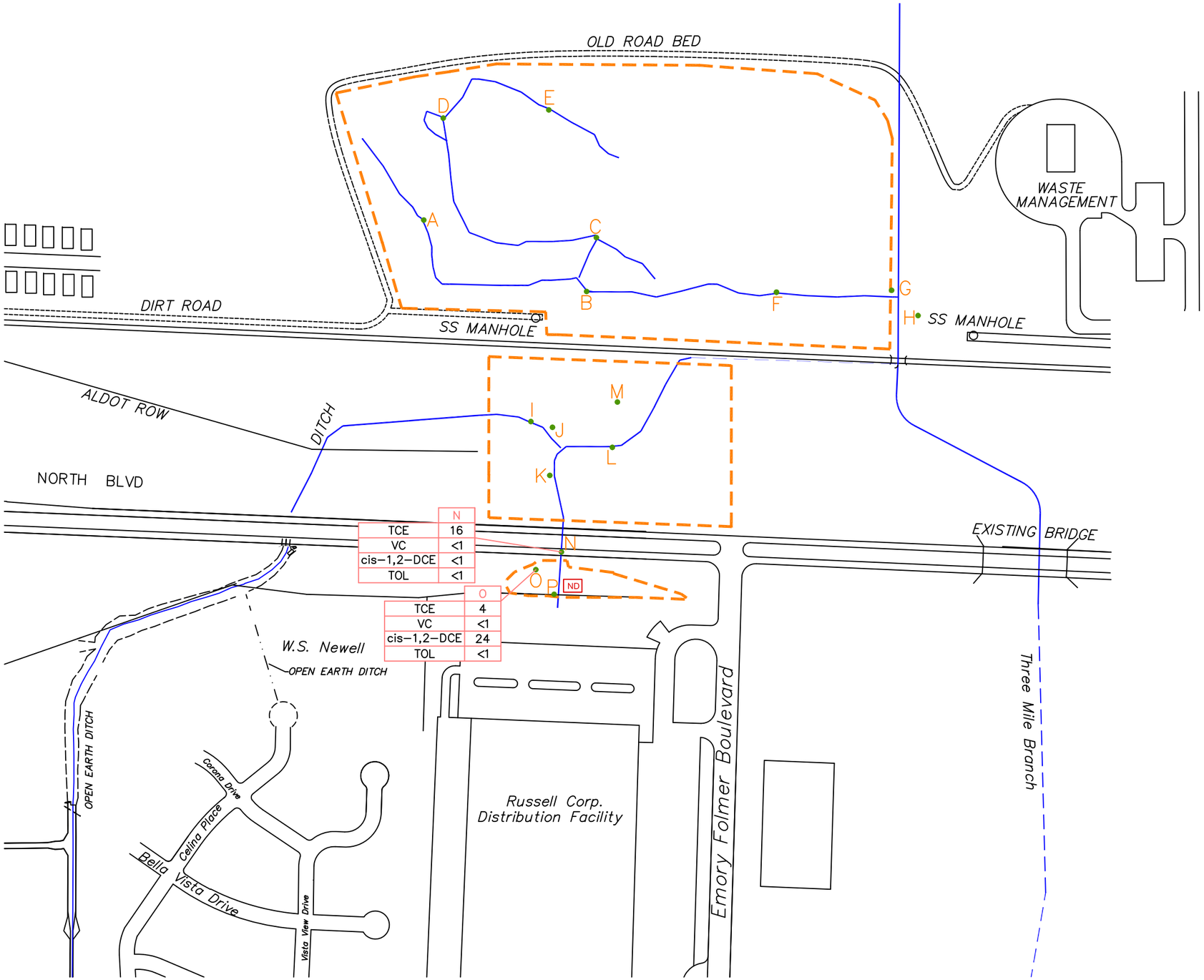
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 3 - SEDIMENT SAMPLES
COLLECTED FROM LOW LYING AREAS
APRIL 2007 SAMPLING EVENT
SESI JOB # C-06-401

NOTE: 1) ALL UNITS LISTED ARE IN MICROGRAMS PER LITER (UG/L) OR PARTS PER BILLION EQUIVALENT.
2) ONLY DETECTED CONSTITUENT ARE ILLUSTRATED.



-400 -200 0 -400

SCALE, IN FEET

LEGEND

ND	Not Detected
	Boundary of Low Lying Area
M	Sample location and Identifier
	Approximate locations of intermittent streams

0	SAMPLE LOCATION
<1	TRICHLOROETHENE in ug/L (TCE)
7	VINYL CHLORIDE in ug/L (VC)
28	cis–1,2–DICHLOROETHENE in ug/L (cis–1,2–DCE)
<1	TOLUENE in ug/L (TOL)

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FIGURE 4 - SURFICIAL WATER SAMPLES
COLLECTED FROM LOW LYING AREAS
APRIL 2007 SAMPLING EVENT
SESI JOB # C-06-401

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"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

			Sediment Lab Results									
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
			3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
A	11/15/01	6	ND[4]	ND	ND	ND	ND	ND	4.3J[5]	ND	ND	ND
	2/13/02	12	ND	ND	ND	ND	ND	ND	ND	ND	6.3	ND
	5/22/02	-	NC[6]	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	28.1	ND	ND
	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
B	11/15/01	5	ND	ND	ND	ND	ND	ND	3.6J	ND	ND	ND
	2/13/02	10	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
B	5/22/02	-	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	16.4J	ND	ND
	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
C	11/15/01	8	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND
	2/13/02	8	NR[8]	NR	NR	NR	NR	NR	NR	NR	NR	NR
	5/22/02	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
	1/29/04	8	ND	ND	ND	ND	ND	ND	ND	20.6J	ND	ND
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	20.6J	ND	ND
	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
C-dup	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
D	11/15/01	8	ND	ND	ND	ND	ND	ND	ND	3.3J	ND	ND
D-dup	11/15/01	8	ND	ND	ND	ND	ND	ND	ND	12.4J	ND	ND
D	2/13/02	8	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND
	5/22/02	-	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
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	10.0J	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	12.7J	ND	ND
	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
E	11/15/01	4	ND	ND	ND	ND	ND	ND	3.9J	25.5J	ND	ND
	2/13/02	7	ND	ND	ND	ND	ND	ND	ND	9.5	ND	ND
	5/22/02	-	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
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	21.4J	ND	ND
E-dup	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	12.7J	ND	ND
E	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
F	11/15/01	6	ND	ND	ND	ND	ND	ND	10.6J	8.8J	ND	ND
	2/13/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	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
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	6.1J	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	12.8J	ND	ND
	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Table continued on next page

Table 2a. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of sediment from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

			Sediment Lab Results									
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
			3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
G	11/15/01	10	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
	5/22/02	-	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	6.5J	ND	ND
	1/15/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
H	11/15/01	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/13/02	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	-	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	4.9J	ND	ND
	2/7/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
I	11/16/01	3	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
	5/22/02	5	6.8J	ND	ND	ND	ND	1.9J	4.2J	4.7J	ND	ND
	9/17/02	6	ND[9]	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	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)
	7/21/03	4	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
I	1/29/04	8	ND	ND	ND	ND	ND	5.2J	ND	4.1J	ND	ND
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	4.3J	ND	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
J	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/14/02	5	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
	9/17/02	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	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)
	7/21/03	7	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	4.9J	ND	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Table continued on next page

Table 2a. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of sediment from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

			Sediment Lab Results									
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
			3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
K	11/16/01	8	ND	ND	ND	ND	ND	ND	3.1J	ND	ND	ND
K-dup	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/02	11	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
K	5/22/02	12	ND	ND	ND	ND	ND	ND	3.2J	6.0J	ND	ND
	9/17/02	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	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)
	7/21/03	6	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
	1/31/05	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	1/31/05	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	4.3J	ND	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
L	11/16/01	10	3.9J	ND	ND	ND	ND	ND	3.1J	ND	ND	ND
	2/14/02	8	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
L-dup	5/22/02	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND
L	9/17/02	8	26.4J	6.3J	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	12	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)
	7/21/03	7	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	6.1J	ND	ND
	7/25/06	8	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
L-dup	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
M	11/16/01	10	ND	ND	ND	ND	ND	ND	4.8J	ND	ND	ND
	2/14/02	10	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
	9/17/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	6	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)
	7/29/03[11]	8	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
	1/31/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	5.6J	ND	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Table continued on next page

Table 2a. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of sediment from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

			Sediment Lab Results									
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
			3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
N	11/15/01	3	50.6J[4]	ND[5]	ND	ND	ND	ND	6.6J	16.4J	ND	ND
	2/13/02	9	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
	9/17/02[6]	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup[7]	9/17/02[6]	8	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
	1/14/03[8]	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)
	7/21/03	2	3.6J	ND	3.0J	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	ND	ND	ND	ND	ND	5.3J	ND	3.2J	ND	ND
	7/26/04	8	ND	ND	ND	ND	ND	7.0J	ND	5.1J	ND	ND
	10/20/04	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	10/20/04	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	7/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	7/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/27/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	7.1J	ND	ND
	4/19/06	9	ND	ND	ND	ND	ND	ND	ND	11.8J	ND	ND
N-dup	4/19/06	9	ND	ND	ND	ND	ND	ND	ND	14.7J	ND	ND
N	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-dup	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N	10/4/06	9	<5	<5	<5	<5	<5	<5	32 B[2]	<5	<5	<5
	2/7/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	4/13/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
O	11/15/01	3	ND	ND	ND	ND	ND	ND	3.1J	3.3J	ND	ND
	2/13/02	8	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
	9/17/02[6]	12	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
	1/14/03[8]	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)
	7/21/03	5	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
	3/9/04[9]	15	104	35.4J	6.3J	ND	ND	ND	ND	5.5J	ND	ND
	4/14/04[10]	8-12	ND	3.4J	3.9J	ND	ND	ND	ND	6.1J	ND	ND
	7/26/04	12	ND	3.9J	ND	ND	ND	31.4J	ND	12.1J	ND	6.8J
	10/20/04	10	54.4	5.6J	ND	ND	ND	ND	ND	4.5J	ND	ND
	1/31/05	10	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND
	5/4/05	8	16.8J	370	5.9J	ND	ND	ND	3.1J	8.3J	ND	ND
	7/21/05	8	ND	4.1J	ND	ND	ND	ND	ND	4.0J	ND	ND
	10/27/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O-dup	10/27/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O	1/26/06	8	ND	50.6J	51.0J	5.6J	ND	ND	5.7J	37.5J	ND	ND
	4/19/06	10	ND	ND	ND	ND	ND	ND	ND	6.1J	ND	ND
	7/25/06	8	10.1J	174	ND	ND	ND	ND	ND	ND	ND	ND
	10/4/06	9	<5	<5	<5	<5	<5	<5	29 B[2]	<5	<5	<5
O-dup	10/4/06	8	<5	<5	<5	<5	<5	<5	26 B[2]	<5	<5	<5
O	2/7/07	9	<5	96	7	<5	<5	<5	<5	<5	<5	<5
	4/13/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Table continued on next page

Table 2a. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of sediment from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

			Sediment Lab Results									
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
			3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
P	11/15/01	2	ND	ND	ND	ND	ND	ND	ND	ND	7.1J	ND
	2/13/02	9	10.6	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
	9/17/02[6]	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/31/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/14/03[8]	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)
	7/21/03	8	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
	7/26/04	12	ND	ND	ND	ND	ND	5.5J	ND	3.9J	ND	ND
	10/20/04	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	4.6J	ND	ND
	7/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/27/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	3.9J	ND	ND
	4/19/06	10	ND	ND	ND	ND	ND	ND	ND	9.6J	ND	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10/4/06	9	<5	<5	<5	<5	<5	<5	41 B [2]	<5	<5	<5
	2/7/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	4/13/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Notes:

[1] Samples were analyzed 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] J - Concentration below calibration curve but above detection limit. In July 2005, the definition of a "J" flag was modified to flag samples with concentrations below the practical quantitation level, rather than the calibration curve values.

[5] ND - Not Detected

[6] Results on September 17, 2002, are reported on "wet-weight" basis.

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

[8] 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 ( ).

[9] 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.

[10] On April 14, 2004, location O was sampled for verification and delineation of TCE detected in the sediment samples collected on January 29 and March 9, 2004.

Table 2b. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Sample Identifier	Sample Date	[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
A	11/15/2001	ND[4]	ND	ND	ND	ND	ND
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC[5]	NC	NC	NC	NC	NC
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	ND
	1/26/2006	ND	ND	ND	ND	ND	ND
	1/16/2007	<1	<1	<1	<1	<1	7
B	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
B-dup[6]	2/13/2002	ND	ND	ND	ND	ND	ND
B	5/22/2002	NC	NC	NC	NC	NC	NC
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	ND
	1/26/2006	ND	ND	ND	ND	ND	ND
	1/23/2007	<1	<1	<1	<1	<1	2
C	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	3
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	ND
	1/26/2006	NS[9]	NS	NS	NS	NS	NS
	1/16/2007	<1	<1	<1	<1	<1	<1
C-dup	1/16/2007	<1	<1	<1	<1	<1	<1
D	11/15/2001	NC	NC	NC	NC	NC	NC
D-dup	11/15/2001	NC	NC	NC	NC	NC	NC
D	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	ND
	1/26/2006	ND	ND	ND	ND	ND	ND
	1/16/2007	<1	<1	<1	<1	<1	5
E	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	ND
	1/26/2006	NS	NS	NS	NS	NS	NS
	1/16/2007	<1	<1	<1	<1	<1	<1
F	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	1.1J[7]
	5/22/2002	NC	NC	NC	NC	NC	NC
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	1.1J
	1/26/2006	ND	ND	ND	ND	ND	ND
	1/16/2007	<1	<1	<1	<1	<1	<1

Table Continued on next page

Table 2b. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	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]
K	11/16/01	4.9J	ND	ND	ND	ND	ND
K-dup	11/16/01	4.9J	ND	ND	ND	ND	ND
K	02/14/02	16.4J	ND	ND	ND	ND	ND
K-dup	02/14/03	16.2J	ND	ND	ND	ND	ND
K	05/22/02	5.5J	ND	ND	ND	ND	ND
	09/17/02	2.2J	ND	ND	ND	ND	1.4J
	10/31/02	5.5J	ND	ND	ND	ND	ND
	01/14/03	13.9J	ND	ND	ND	ND	ND
	07/21/03	20.3	ND	ND	ND	ND	ND
	01/29/04	10.7J	ND	ND	1.0J	ND	ND
	01/31/05	7.9J	ND	ND	ND	ND	ND
K-dup	01/31/05	8.1J	ND	ND	ND	ND	ND
K	01/26/06	6.6J	ND	ND	ND	ND	ND
	07/25/06	3.9J	ND	ND	ND	ND	ND
	01/17/07	8	<1	<1	<1	<1	<1
L	11/16/01	2.9J	ND	ND	ND	ND	ND
	02/14/02	7.9J	ND	ND	ND	ND	ND
	05/22/02	2.7J	ND	ND	ND	ND	ND
L-dup	05/22/02	2.6J	ND	ND	ND	ND	ND
L	09/17/02	1.4J	ND	ND	ND	ND	ND
	10/31/02	3.4J	ND	ND	ND	ND	ND
	01/14/03	6.0J	ND	ND	ND	ND	ND
	07/21/03	4.3J	ND	ND	ND	ND	ND
	01/29/04	4.6J	ND	ND	ND	ND	ND
	01/31/05	4.2J	ND	ND	ND	ND	ND
	01/26/06	3.3J	ND	ND	ND	ND	ND
	07/25/06	1.9J	ND	ND	ND	ND	ND
	01/17/07	<1	<1	<1	<1	<1	<1
L-dup	01/17/07	<1	<1	<1	<1	<1	<1
M	11/16/01	ND	ND	ND	ND	ND	ND
	02/14/02	ND	ND	ND	ND	ND	ND
	05/22/02	NC[8]	NC	NC	NC	NC	NC
	09/17/02	NC	NC	NC	NC	NC	NC
	10/31/02	NC	NC	NC	NC	NC	NC
	01/14/03	ND	ND	ND	ND	ND	ND
	7/29/03[9]	ND	ND	ND	ND	ND	5.0J
	01/29/04	ND	ND	ND	ND	ND	ND
	01/31/05	ND	ND	ND	ND	ND	ND
	01/26/06	ND	ND	ND	ND	ND	ND
	07/25/06	ND	ND	ND	ND	ND	ND
	01/17/07	<1	<1	<1	<1	<1	<1

Table continued on next page

Table 2b. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	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]
N	11/15/01	7.0J	ND	ND	ND	ND	ND
	02/13/02	16.8J	ND	ND	ND	ND	ND
	05/22/02	7.6J	ND	ND	ND	ND	ND
	09/17/02	3.7J	ND	ND	ND	ND	ND
N-dup	09/17/02	3.7J	ND	ND	ND	ND	ND
N	10/31/02	10.0J	ND	ND	ND	ND	ND
	01/14/03	15.2J	ND	ND	ND	ND	ND
	07/21/03	28.0	ND	ND	ND	ND	ND
	01/29/04	15.2J	ND	ND	3.2J	ND	ND
	07/26/04	11.9J	ND	ND	ND	ND	ND
	10/20/04	10.7J	ND	ND	ND	ND	ND
N-dup	10/20/04	10.4J	ND	ND	ND	ND	ND
N	01/31/05	11.2J	ND	ND	ND	ND	ND
	05/04/05	16.7J	ND	ND	ND	ND	ND
N-dup	05/04/05	16.5J	ND	ND	ND	ND	ND
N	07/21/05	18.1J	ND	ND	ND	ND	ND
N-dup	07/21/05	18.1J	ND	ND	ND	ND	ND
N	10/27/05	7.1J	ND	ND	ND	ND	ND
	01/26/06	10.4J	ND	ND	ND	ND	ND
	04/19/06	14.9J	ND	ND	ND	ND	ND
N-dup	04/19/06	14.8J	ND	ND	ND	ND	ND
N	07/25/06	6.9J	ND	ND	ND	ND	ND
N-dup	07/25/06	6.6J	ND	ND	ND	ND	ND
N	10/04/06	3	<1	<1	<1	<1	<1
	01/15/07	14	<1	<1	<1	<1	<1
	04/13/07	16	\	<1	<1	<1	<1
O	11/15/01	NC	NC	NC	NC	NC	NC
	02/13/02	ND	ND	ND	ND	ND	ND
	05/22/02	NC	NC	NC	NC	NC	NC
	09/17/02	ND	ND	ND	1.0J	ND	ND
	10/31/02	2.5J	15.3J	4.8J	ND	ND	ND
	01/14/03	4.8J	14.4J	ND	ND	ND	ND
	07/21/03	NS	NS	NS	NS	NS	NS
	01/29/04	31.8	6.9J	ND	4.5J	ND	ND
	07/26/04	ND	5.4J	1.3J	ND	ND	ND
	10/20/04	ND	10.2J	1.7J	ND	ND	ND
	01/31/05	14.6J	18.2J	1.0J	ND	ND	ND
	05/04/05	3.1J	14.7J	1.0J	ND	ND	ND
	07/21/05	ND	1.9J	ND	ND	ND	1.6J
	10/27/05	ND	3.3J	ND	ND	ND	ND
O-dup	10/27/05	ND	2.8J	ND	ND	ND	ND
O	01/26/06	17.3J	16.3J	1.8J	ND	ND	ND
	04/19/06	NS	NS	NS	NS	NS	NS
	07/25/06	ND	5.9J	ND	ND	ND	ND
	10/04/06	<1	15.0	2	<1	<1	<1
O-dup	10/04/06	<1	12.0	3	<1	<1	<1
O	01/15/07	<1	28	7	<1	<1	<1
	04/13/07	4	24	<1	<1	<1	<1

Table continued on next page

Table 2b. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Sample Identifier	Sample Date	[Concentrations are in micrograms per liter (µg/l)]					
		1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]	1.0 µg/l [3]
P	11/15/01	16.8J	ND	ND	ND	ND	ND
	02/13/02	41.2	ND	ND	ND	ND	ND
	05/22/02	22.4	ND	ND	ND	ND	ND
	09/17/02	10.5J	ND	ND	ND	ND	ND
	10/31/02	25.1	ND	ND	ND	ND	ND
	01/14/03	43.2	ND	ND	ND	ND	ND
	07/21/03	42.2	ND	ND	ND	ND	ND
	01/29/04	25.0	ND	ND	2.3J	ND	ND
	07/26/04	23.4	ND	ND	ND	ND	ND
	10/20/04	22.5	ND	ND	ND	ND	ND
	01/31/05	27.5	ND	ND	ND	ND	ND
	05/04/05	20.9	ND	ND	ND	ND	ND
	07/21/05	21.1	ND	ND	ND	ND	ND
	10/27/05	9.8J	ND	ND	ND	ND	ND
	01/26/06	20.2	ND	ND	ND	ND	ND
	04/19/06	14.3J	ND	ND	ND	ND	ND
	07/25/06	12.6J	ND	ND	ND	ND	ND
	10/04/06	6	<1	<1	<1	<1	<1
	01/15/07	31	<1	<1	<1	<1	<1
	04/13/07	<1	<1	<1	<1	<1	<1

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] J - Concentration below calibration curve but above detection limit. In July 2005, the definition of a "J" flag was modified to flag samples with concentrations below the practical quantitation level, rather than the calibration curve values.

[5] ND - Not Detected

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

[7] NS - Not sampled; sample location was not sampled because of insufficient water for analyses

[8] NC - Not Collected; sampling location was not scheduled to be sampled.

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

Table 2b. Concentrations of detected volatile organic compounds (VOCs)[1] in samples of surface water from the "Low-Lying Areas"; April 2007 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 4.]

		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	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]
G	11/15/2001	NC	NC	NC	NC	NC	NC
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
	1/29/2004	ND	ND	ND	ND	ND	ND
	1/31/2005	ND	ND	ND	ND	ND	ND
	1/26/2006	ND	ND	ND	ND	ND	ND
	1/15/2007	<1	<1	<1	<1	<1	<1
H	11/15/2001	ND	ND	ND	ND	ND	ND
	2/13/2002	ND	ND	ND	ND	ND	ND
	5/22/2002	NC	NC	NC	NC	NC	NC
	1/29/2004	1.1J	ND	ND	ND	ND	ND
	1/31/2005	1.0J	ND	ND	ND	ND	ND
	1/26/2006	ND	ND	ND	ND	ND	ND
	1/15/2007	<1	<1	<1	<1	<1	<1
I	11/16/01	4.6J[4]	ND[5]	ND	ND	ND	ND
	02/14/02	5.0J	ND	ND	ND	ND	ND
	05/22/02	2.3J	ND	ND	ND	ND	ND
	09/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	4.2J	ND	ND	ND	ND	ND
	01/14/03	4.3J	ND	ND	ND	ND	ND
	07/21/03	7.5J	ND	ND	ND	ND	ND
I-dup[6]	07/21/03	7.5J	ND	ND	ND	ND	ND
I	01/29/04	2.4J	ND	ND	ND	ND	ND
	01/31/05	2.6J	ND	ND	ND	ND	ND
	01/26/06	3.1J	ND	ND	ND	ND	ND
	07/25/06	2.1J	ND	ND	ND	ND	ND
	01/17/07	2	<1	<1	<1	<1	<1
J	11/16/01	2.8J	ND	ND	ND	ND	ND
	02/14/02	3.9J	ND	ND	ND	ND	ND
	05/22/02	1.9J	ND	ND	ND	ND	ND
	09/17/02	ND	ND	ND	ND	ND	ND
	10/31/02	3.9J	ND	ND	ND	ND	ND
	01/14/03	2.9J	ND	ND	ND	ND	ND
	07/21/03	8.3J	ND	ND	ND	ND	ND
	01/29/04	ND	ND	ND	1.2J	ND	ND
	01/31/05	1.6J	ND	ND	ND	ND	ND
	01/26/06	ND	ND	ND	ND	ND	ND
	07/25/06	NS[7]	NS	NS	NS	NS	NS
	01/17/07	<1	<1	<1	<1	<1	<1

Table continued on next page

Table 3. Preliminary ecological screening of constituents of concern for Coliseum Boulevard Plume Site in sediments and surface water; "Low-Lying Areas" Investigation: Coliseum Blvd. Plume Site: Montgomery, Alabama.

Sediment	Soil Screening Level* (ppb)[1]	Maximum Concentration Reported November 2001 through April 2007 (µg/kg) [2]	Date of Maximum Concentration	Sample Location	Depth of Sample (inches)	Exceeds Screening Value
Trichloroethylene	300 [3]	750/104[4]	1/29/04 and 3/9/2004	O	15	Yes/Yes
Cis-1,2-Dichoroethene	NA[5]	486	April 14, 2004	O-West, 1	8 -12	NA
Trans-1,2-Dichloroethene	NA[5]	25.9J[6]	April 14, 2004	O-West, 1	8 -12	NA
Vinyl Chloride	300	51.0J	January 26, 2006	O	8	NA
Aqueous	**Aqueous Screening Level***	**(µg/L)[7]**				
Trichloroethylene	175[8]	43.2	January 14, 2003	P	NA	No
Cis-1,2-Dichloroethene	NA[8]	28	January 15, 2007	O	NA	NA
Vinyl Chloride	1,167	7.0	January 15, 2007	O	NA	No
Chloromethane	NA[8]	4.5J	January 29, 2004	O	NA	NA

* Soil and aqueous screening levels may be revised in Risk Assessment for the Low-Lying Areas.

[1] The screening levels were reported in ppb (parts per billion) or µg/kg (micrograms per kilogram)

[2] MDL = Method Detection Limit 3.0 µg/kg (micrograms per kilogram) for the sediment laboratory analyses

[3] The soil screening values were obtained from the U. S. EPA Document, Region III, BTAG Screening Levels, 1995. Soil screening values were used although sediment samples were collected; as sediment screening values are not available from Regions III or IV.

[4] Based on the January 14, 2004 results, a confirmation sample was collected on March 9, 2004

[5] NA = Not Available; a screening value for this compound is not available.

[6] J - Concentration below calibration curve but above detection limit. In July 2005, the definition of a "J" flag was modified to flag samples with concentrations below the practical quantitation level, rather than the calibration curve values.

[7] MDL = Method Detection Limit of 1.0 micrograms per liter for the aqueous laboratory analyses.

[8] Alabama Department of Environmental Management, Water division - Water Quality Program - Revised Effective: July 14, 1999, Toxic Pollutant Criteria - Fish Consumption; 335-6-10-.07

ATTACHMENT

To: Southern Earth Sciences, Inc.
Post Office Box 231238
Montgomery, Alabama 36123

Report Date: 02/06/2007
Project No.: 06-401
Project: ALDOT-Coliseum Blvd Plume

ENVIROCHEM
Environmental Laboratories

Location ID	Log No.	Date Sampled	Sampler	Matrix	Date Analyzed	Parameter	Units	Ini	MDL	Result	Flag
	42086-167										
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water	4/24/2007 1:50:00 AM	Chloromethane	ug/l	JD	1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Vinyl chloride	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Chloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Trichlorofluoromethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,1-Dichloroethene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Methylene chloride	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		trans-1,2-Dichloroethene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,1-Dichloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		cis-1,2-Dichloroethene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Chloroform	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,1,1-Trichloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Carbon tetrachloride	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Benzene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,2-Dichloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Trichloroethene	ug/l		1	16	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,2-Dichloropropane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Bromodichloromethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		cis-1,3-Dichloropropene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Toluene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		trans-1,3-Dichloropropene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,1,2-Trichloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Tetrachloroethene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Dibromochloromethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Chlorobenzene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,1,1,2-Tetrachloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Ethylbenzene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		m&p-Xylene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		o-Xylene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		Bromoform	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,1,2,2-Tetrachloroethane	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,3-Dichlorobenzene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,4-Dichlorobenzene	ug/l		1	<1	
N	42086-167	4/13/2007 10:05:00 AM	WM	Surface Water		1,2-Dichlorobenzene	ug/l		1	<1	

To: Southern Earth Sciences, Inc.
Post Office Box 231238
Montgomery, Alabama 36123

Report Date: 02/06/2007
Project No.: 06-401
Project: ALDOT-Coliseum Blvd Plume

ENVIROCHEM
Environmental Laboratories

Location ID	Log No.	Date Sampled	Sampler	Matrix	Date Analyzed	Parameter	Units	Ini	MDL	Result	Flag
	42086-168										
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil	4/22/2007 10:00:00 PM	Chloromethane	ug/kg	MB	5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Vinyl chloride	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Chloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Trichlorofluoromethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,1-Dichloroethene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Methylene chloride	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		trans-1,2-Dichloroethene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,1-Dichloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		cis-1,2-Dichloroethene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Chloroform	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,1,1-Trichloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Carbon tetrachloride	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Benzene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,2-Dichloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Trichloroethene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,2-Dichloropropane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Bromodichloromethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		cis-1,3-Dichloropropene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Toluene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		trans-1,3-Dichloropropene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,1,2-Trichloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Tetrachloroethene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Dibromochloromethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Chlorobenzene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,1,1,2-Tetrachloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Ethylbenzene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		m&p-Xylene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		o-Xylene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		Bromoform	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,1,2,2-Tetrachloroethane	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,3-Dichlorobenzene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,4-Dichlorobenzene	ug/kg		5	<5	
N	42086-168	4/13/2007 10:05:00 AM	WM	Soil		1,2-Dichlorobenzene	ug/kg		5	<5	

To: Southern Earth Sciences, Inc.
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Report Date: 02/06/2007
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ENVIROCHEM
Environmental Laboratories

Location ID	Log No.	Date Sampled	Sampler	Matrix	Date Analyzed	Parameter	Units	Ini	MDL	Result	Flag
	42086-169										
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water	4/24/2007 2:15:00 AM	Chloromethane	ug/l	JD	1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Vinyl chloride	ug/l		1	3	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Chloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Trichlorofluoromethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,1-Dichloroethene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Methylene chloride	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		trans-1,2-Dichloroethene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,1-Dichloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		cis-1,2-Dichloroethene	ug/l		1	24	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Chloroform	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,1,1-Trichloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Carbon tetrachloride	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Benzene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,2-Dichloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Trichloroethene	ug/l		1	4	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,2-Dichloropropane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Bromodichloromethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		cis-1,3-Dichloropropene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Toluene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		trans-1,3-Dichloropropene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,1,2-Trichloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Tetrachloroethene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Dibromochloromethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Chlorobenzene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,1,1,2-Tetrachloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Ethylbenzene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		m&p-Xylene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		o-Xylene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		Bromoform	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,1,2,2-Tetrachloroethane	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,3-Dichlorobenzene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,4-Dichlorobenzene	ug/l		1	<1	
O	42086-169	4/13/2007 10:30:00 AM	WM	Surface Water		1,2-Dichlorobenzene	ug/l		1	<1	

To: Southern Earth Sciences, Inc.
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ENVIROCHEM
Environmental Laboratories

Location ID	Log No.	Date Sampled	Sampler	Matrix	Date Analyzed	Parameter	Units	Ini	MDL	Result	Flag
	42086-170										
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil	4/22/2007 10:28:00 PM	Chloromethane	ug/kg	MB	5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Vinyl chloride	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Chloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Trichlorofluoromethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,1-Dichloroethene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Methylene chloride	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		trans-1,2-Dichloroethene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,1-Dichloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		cis-1,2-Dichloroethene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Chloroform	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,1,1-Trichloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Carbon tetrachloride	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Benzene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,2-Dichloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Trichloroethene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,2-Dichloropropane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Bromodichloromethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		cis-1,3-Dichloropropene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Toluene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		trans-1,3-Dichloropropene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,1,2-Trichloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Tetrachloroethene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Dibromochloromethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Chlorobenzene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,1,1,2-Tetrachloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Ethylbenzene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		m&p-Xylene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		o-Xylene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		Bromoform	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,1,2,2-Tetrachloroethane	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,3-Dichlorobenzene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,4-Dichlorobenzene	ug/kg		5	<5	
O	42086-170	4/13/2007 10:30:00 AM	WM	Soil		1,2-Dichlorobenzene	ug/kg		5	<5	

To: Southern Earth Sciences, Inc.
Post Office Box 231238
Montgomery, Alabama 36123

Report Date: 02/06/2007
Project No.: 06-401
Project: ALDOT-Coliseum Blvd Plume

ENVIROCHEM
Environmental Laboratories

Location ID	Log No.	Date Sampled	Sampler	Matrix	Date Analyzed	Parameter	Units	Ini	MDL	Result	Flag
	42086-171										
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water	4/24/2007 2:41:00 AM	Chloromethane	ug/l	JD	1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Vinyl chloride	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Chloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Trichlorofluoromethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,1-Dichloroethene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Methylene chloride	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		trans-1,2-Dichloroethene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,1-Dichloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		cis-1,2-Dichloroethene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Chloroform	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,1,1-Trichloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Carbon tetrachloride	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Benzene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,2-Dichloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Trichloroethene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,2-Dichloropropane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Bromodichloromethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		cis-1,3-Dichloropropene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Toluene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		trans-1,3-Dichloropropene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,1,2-Trichloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Tetrachloroethene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Dibromochloromethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Chlorobenzene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,1,1,2-Tetrachloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Ethylbenzene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		m&p-Xylene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		o-Xylene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		Bromoform	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,1,2,2-Tetrachloroethane	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,3-Dichlorobenzene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,4-Dichlorobenzene	ug/l		1	<1	
P	42086-171	4/13/2007 9:25:00 AM	WM	Surface Water		1,2-Dichlorobenzene	ug/l		1	<1	

To: Southern Earth Sciences, Inc.
Post Office Box 231238
Montgomery, Alabama 36123

Report Date: 02/06/2007
Project No.: 06-401
Project: ALDOT-Coliseum Blvd Plume

ENVIROCHEM
Environmental Laboratories

Location ID	Log No.	Date Sampled	Sampler	Matrix	Date Analyzed	Parameter	Units	Ini	MDL	Result	Flag
	42086-172										
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil	4/22/2007 10:55:00 PM	Chloromethane	ug/kg	MB	5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Vinyl chloride	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Chloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Trichlorofluoromethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,1-Dichloroethene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Methylene chloride	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		trans-1,2-Dichloroethene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,1-Dichloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		cis-1,2-Dichloroethene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Chloroform	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,1,1-Trichloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Carbon tetrachloride	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Benzene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,2-Dichloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Trichloroethene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,2-Dichloropropane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Bromodichloromethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		cis-1,3-Dichloropropene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Toluene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		trans-1,3-Dichloropropene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,1,2-Trichloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Tetrachloroethene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Dibromochloromethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Chlorobenzene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,1,1,2-Tetrachloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Ethylbenzene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		m&p-Xylene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		o-Xylene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		Bromoform	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,1,2,2-Tetrachloroethane	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,3-Dichlorobenzene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,4-Dichlorobenzene	ug/kg		5	<5	
P	42086-172	4/13/2007 9:25:00 AM	WM	Soil		1,2-Dichlorobenzene	ug/kg		5	<5	

ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, AL 36609
105 Hwy 59N Summerdale, AL 36560
Tel: 251/344-9106 Fax: 251/341-9492

LAB NO: 42086

REQUESTED TAT:
(FEES FOR RUSH TAT MAY APPLY)

CLIENT: SEJI - MTG

ADDRESS:

CITY/ST/ZIP:

CONTACT: Hal Wood

PHONE:

FAX:

EMAIL:

PROJECT: AL DOT CDP

PO#:

METHOD OF DELIVERY: ☐ UPS ☐ BUS ☐ AIRBORNE ☐ DROP OFF ☐ FED X ☐ ECI PICK-UP/SAMPLED ☐ USPS

SHIPPING TICKET NO.:

SUB SHIPPED TO:
SUB SHIPPED VIA:
DATE SHIPPED:

COMMENTS:
2 ENCORES/LOCATION
1 MOISTURE CONTENT/LOCATION

*SPECIFY ANALYTE LIST AND/OR METHOD

Chain of Custody Record

Agreement to Perform Services

Matrix Codes: A=Air B=Bulk S=Soil GW=Groundwater SW=Surface Water/Stormwater WW=Wastewater DW=Drinking Water P=Paint L=Liquid SLD= Solid

PRESERVATION/CONTAINERS FOR WATER SAMPLES

SHADED AREAS FOR LAB USE ONLY

LAB USE ONLY	FIELD ID	COMPOSITE	GRAB	MATRIX	COLLECTION DATE	COLLECTION TIME
167	N		X	SW	4/12/07	1005
168				S	"	1005
169	O		X	SW	"	1030
170				S	"	1030
171	P		X	SW	"	925
172				S	"	925

PLASTIC NONE: BOD 5-DAY, ALKALINITY, CHLORIDE, pH, SS, SULFATE, TDS, TSS, TURBIDITY, O-PHOS, NITRATE, NITRITE

PLASTIC H2SO4: NO3+NO2, AMMONIA-N, COD, TOTAL PHOS, TKN, TOC

P/G NaOH: CN, AMENABLE, CN, TOTAL

P/G NONE: HW S/CN, FLASHPOINT

GLASS H2SO4: PHENOLS*, TPH*, OIL & GREASE

GLASS NONE: SEMI-VOL*, PAH's

GLASS HCL: BETX, BETXM, BETXN, VOLATILES*

STERILE Na2S2O3: FECAL COLI, COLIFORM, MF, COLIFORM, P/A, ENTERO

HNO3: TCLP*, METALS*, ASBESTOS

MISC TEST/FIELD DATA: ENCORE, MOISTURE CONTENT

LAB USE ONLY	VOLATILES*	FECAL COLI	ENCORE	MOISTURE CONTENT
167	3			
168			2	1
169	3			
170			2	1
171	3			
172			2	1

SAMPLER(S) SIGNATURE(S)/COMPANY:
Hal Wood
SEJI - MTG
Will McBryde

ENTER NO OF CONTAINERS:

DEPARTMENT RECEIPT: INITIALS, DATE, TIME

1. RELINQUISHED BY:	DATE	TIME	2. RELINQUISHED BY:	DATE	TIME	3. RELINQUISHED BY:	DATE	TIME
SIGNATURE: Hal Wood	4/12/07	1104	SIGNATURE:	04/13/07	1500	SIGNATURE:		
COMPANY: SEJI - MTG			COMPANY: ECI			COMPANY:		
1. RECEIVED BY:	DATE	TIME	2. RECEIVED BY:	DATE	TIME	3. RECEIVED BY:	DATE	TIME
SIGNATURE:	04/13/07	1104	SIGNATURE: William Fill	4/13/07	15:00	SIGNATURE:		
COMPANY: ECI			COMPANY: ECI			COMPANY:		

COOLER TEMP: oC ICE PRESENT: (Y) N
AIR BUBBLES PRESENT IN VOA VIALS: Y (N) N/A
CUSTODY SEAL INTACT: Y N (N/A)
COOLER OPENED BY: DATE/TIME: 4/13/07

OF BROKEN CONTAINERS: 0
HOLD TIMES EXCEEDED: Y (N)
CORRECT CONT/PRES: (Y) N
OF ID DISCREPENCIES: 0

SAMPLE #
SAMPLE #/TEST
SAMPLE #/TEST
SAMPLE #

CORRECTIVE ACTION TAKEN: Y N IF YES, COMPLETE
PERSON CONTACTED:
RESOLUTION:
BY WHO
DATE/TIME:

N-Water

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** N-Sediment

Sampling Method:

Date/Time: 1005 4/13/07 **Personnel:** **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil)

8260

O-Water

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** O-Sediment

Sampling Method: Grab

Date/Time: 1030 4/13/07 **Personnel:** HW WM **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil)

P-Water

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** P-Sediment

Sampling Method: Grab

Date/Time: 4/13/07 925 **Personnel:** HW WM **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil)