

**SUMMARY REPORT FOR
THE APRIL 2008 SAMPLING EVENT**

*INVESTIGATION OF
“LOW-LYING AREAS”*

**Coliseum Boulevard
Plume Site
Montgomery, Alabama**



July 2008

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). This report contains results of samples of sediment and surface water collected from the Low-Lying Areas during the April 2008 monitoring event.

The Low-Lying Areas consist of three (3) different areas. Each of the Low-Lying Areas is located northeast 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 nearby 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. 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 2008 sampling event, which was a quarterly event.

Sample Collection

On April 17, 2008, three (3) locations (N through P) were sampled for VOCs in sediments and surface-water (see Table 1 and Figure 2).



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A hand auger was used to collect sediment samples at the selected locations. Sediment samples for VOC were collected from the hand auger using EnCore samplers. 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).

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

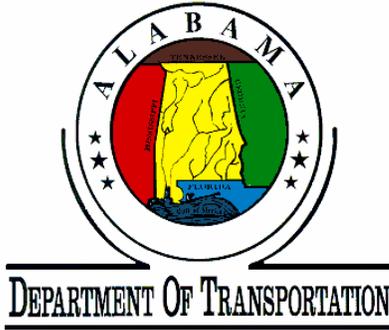
The historical and current analytical results for samples collected in the Low-Lying Areas are presented in Tables 2a (sediment results) and 2b (surface water results). Analytical results for the April 2008 sampling event are shown in Figure 3 (sediment results) and Figure 4 (surface water results).

Sediment

No TCE was detected in the sediment samples at any of the three sample locations.

Surface Water

Trichloroethylene was detected in two of the three surface water sample locations in the low-lying areas. The TCE concentrations detected were : N (21.9 ug/l) and P (29.4 ug/l). Sample location O also had a concentration of cis,1-2 dichloroethylene at 3.2 ug/L. The levels of TCE detected were below the current action level for TCE in surface water of 175 ug/L. Laboratory reports of the analyses are attached.



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Preliminary Ecological Screening

A Preliminary Screening Level Evaluation (PSLE) under the Alabama Risk Based Corrective Action (ARBCA) guidance was performed for the CBP site in January 2007. The PSLE involves comparison of the Preliminary Screening Values (PSVs) for trespasser and ecological receptors to recent surface water and sediment data for the Low-lying Areas, as described below. In accordance with the ARBCA Guidance Manual, if a constituent is present in a dataset at a detected concentration, the constituent is termed a chemical of potential concern (COPC). If a detected COPC concentration exceeds the PSV, the COPC is termed a chemical of concern (COC) and requires further evaluation using the ARBCA risk management process.

The potential for human and ecological health risks from exposure to constituents detected in surface water is evaluated by comparing surface water data from the Low-lying Areas to the PSVs, described above. Surface water data from all sampling locations in the Low-lying Areas are used to evaluate the potential for human health risk.

Table 3a presents data summaries, including frequency of detection and range of detected concentrations, of surface water data from all sampling locations in the Low-lying Areas. The data used to select representative concentrations are from samples collected between January 2005 and April 2008.

As shown in Table 3a, the maximum detected concentrations of all COPCs in surface water are less than the PSVs derived for incidental dermal contact by an adolescent trespasser and consumption of fish by adult sport fishermen. Therefore, there are no COCs in surface water in the Low-lying Areas for incidental dermal contact by an adolescent trespasser and consumption of fish by adult sports fishermen, and human health risks from these exposure pathways are unlikely. Table 3a presents data summaries, including frequency of detection and range of detected concentrations, of surface water data from sampling locations in the Low-lying Areas. The data used to select representative concentrations and the logic for this selecting this dataset are as described above.

As shown in Table 3b, the maximum detected concentrations of all COPCs in surface water are less than the USEPA Region 4 or USEPA Region 5 ESLs for surface water. Therefore, there are no COCs in surface water in the Low-lying Areas for ecological receptors, thus ecological risks are unlikely.

Since 2001, sediment samples have been collected from 16 locations (A through P as described above and shown on Figure 2) in the Low-lying Areas, from depths between 3 and 12 inches, and analyzed for volatile organic constituents. The data used



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to select representative concentrations are from samples collected between January 2005 and January 2008.

The potential for human and ecological health risks from exposure to COPCs detected in sediment is evaluated by comparing sediment data from the Low-lying Areas to the selected or derived PSVs. Table 3c presents a summary of sediment data, including frequency of detection and range of detected concentrations.

As shown in Table 3c, the maximum detected concentrations of all COPCs in sediment are less than the PSVs derived for incidental ingestion and dermal contact by an adolescent trespasser. Therefore, there are no COCs in sediment in the Low-lying Areas for incidental ingestion and dermal contact by an adolescent trespasser, and human health risks from these exposure pathways are unlikely. As also shown in Table 3c, the maximum detected concentrations of all COPCs in sediment are less than the USEPA, Region 5 ESLs for sediment. Therefore, there are no COCs in sediment in the Low-lying Areas for ecological receptors, and ecological risk is unlikely.

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

Recommendations

The ALDOT is preparing a Long Term Monitoring Plan that will modify sampling locations in the Low Lying Area after the wetlands treatment system is constructed.

It is recommended that sampling in accordance with the current plan continue until the Long Term Monitoring Plan is approved.

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 2008 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride ²	Toluene	Trichlorofluoromethane	Ethyl Benzene	
			[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	ND	4.3J ⁵	ND	ND	ND
	2/13/02	12	ND	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	NC
	1/29/04	8	ND	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	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	ND	28.1	ND	ND
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5	<5
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
	1/31/05	8	ND	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	ND
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5	<5
	11/15/01	8	ND	ND	ND	ND	ND	ND	5.7J	ND	ND	ND	ND
C	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	ND	ND	20.6J	ND	ND	ND
	1/31/05	8	ND	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	ND
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<5	<20	<5	<5	<5	<5
C-dup	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
C	2/1/08	9	<5	<5	<5	<5	<5	<5	<20	<5	<5	<5	<5
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
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	10.0J	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	12.7J	ND	ND	ND
	1/16/2007	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/2008	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5
	11/15/01	4	ND	ND	ND	ND	ND	3.9J	ND	25.5J	ND	ND	ND
E	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
	1/31/05	10	ND	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	ND
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	12.7J	ND	ND	ND
E-dup	1/26/06	8	ND	ND	ND	ND	ND	ND	12.7J	ND	ND	ND	
E	2/1/08	9	<7	<7	<7	<7	<7	<13	<20	<7	<7	<7	<7
	11/15/01	6	ND	ND	ND	ND	ND	ND	10.6J	8.8J	ND	ND	ND
F	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
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	6.1J	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	12.8J	ND	ND	ND
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<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 2008 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride ²	Toluene	Trichlorofluoromethane	Ethyl Benzene	
			[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	ND
	2/13/02	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.4	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
	1/31/05	8	ND	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	ND
	1/15/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5	<5
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
	1/31/05	8	ND	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	ND
	2/7/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
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
	7/21/03	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
I-dup	1/29/04	8	ND	ND	ND	ND	ND	5.2J	ND	4.1J	ND	ND	ND
	1/31/05	8	ND	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	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
J	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
	1/31/05	8	ND	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	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<5	<10	<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 2008 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride ²	Toluene	Trichlorofluoromethane	Ethyl Benzene	
			[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	ND	3.1J	ND	ND	ND
K-dup	11/16/01	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K-dup	2/14/02	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	5/22/02	12	ND	ND	ND	ND	ND	ND	ND	3.2J	6.0J	ND	ND
	9/17/02	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	ND	3.4J	ND	ND
1/31/05	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
K-dup	1/31/05	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
K	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	4.3J	ND	ND	ND
	7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7	<7
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	ND	3.5J	ND	ND
	1/31/05	8	ND	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	ND
	7/25/06	8	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
L	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5
	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)	ND (<1.3)
7/29/03 ¹¹	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1/29/04	8	ND	ND	ND	ND	ND	6.7J	ND	4.2J	ND	ND	ND	ND
1/31/05	8	ND	ND	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	ND	ND
7/25/06	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1/17/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1/18/08	9	<5	<5	<5	<5	<5	<5	<10	<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 2008 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results											
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride ²	Toluene	Trichlorofluoromethane	Ethyl Benzene		
			[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			
N	11/15/01	3	50.6J ⁴	ND ⁵	ND	ND	ND	ND	ND	6.6J	16.4J	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	ND	3.3J	ND	ND	ND	
	9/17/02 ⁶	8	ND	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	ND	
	10/31/02	12	ND	ND	ND	ND	ND	ND	ND	ND	3.2J	ND	ND	
N	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)	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	ND	5.3J	ND	3.2J	ND	ND	
	7/26/04	8	ND	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	ND	
	10/20/04	8	ND	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	ND	
N	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N-dup	5/4/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N	7/21/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
N-dup	7/21/05	8	ND	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	ND	
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	7.1J	ND	ND	ND	
	4/19/06	9	ND	ND	ND	ND	ND	ND	ND	11.8J	ND	ND	ND	
N-dup	4/19/06	9	ND	ND	ND	ND	ND	ND	ND	14.7J	ND	ND	ND	
N	7/25/06	8	ND	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	ND	
N	10/4/06	9	<5	<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	<5	
	4/13/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	10/25/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	1/18/08	9	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	
	4/17/08	9	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	
	11/15/01	3	ND	ND	ND	ND	ND	ND	ND	3.1J	3.3J	ND	ND	ND
	2/13/02	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/22/02	8	ND	ND	ND	ND	ND	ND	ND	4.8J	4.0J	5.7J	ND	ND
9/17/02 ⁶	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
10/31/02	12	ND	ND	35.1	ND	ND	ND	ND	ND	7.1J	ND	ND	ND	
1/14/03 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)	ND (<1.6)	ND (<1.6)	
7/21/03	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1/29/04	8	750	18.8J	ND	ND	ND	31.2J	ND	ND	15.9J	ND	ND	5.2J	
3/9/04 ⁹	15	104	35.4J	6.3J	ND	ND	ND	ND	ND	5.5J	ND	ND	ND	
4/14/04 ¹⁰	8-12	ND	3.4J	3.9J	ND	ND	ND	ND	ND	6.1J	ND	ND	ND	
7/26/04	12	ND	3.9J	ND	ND	ND	31.4J	ND	ND	12.1J	ND	ND	6.8J	
10/20/04	10	54.4	5.6J	ND	ND	ND	ND	ND	ND	4.5J	ND	ND	ND	
1/31/05	10	ND	3.9J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
5/4/05	8	16.8J	370	5.9J	ND	ND	ND	ND	3.1J	8.3J	ND	ND	ND	
7/21/05	8	ND	4.1J	ND	ND	ND	ND	ND	4.0J	ND	ND	ND	ND	
10/27/05	8	ND	ND	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	ND	
O	1/26/06	8	ND	50.6J	51.0J	5.6J	ND	ND	5.7J	37.5J	ND	ND	ND	
	4/19/06	10	ND	ND	ND	ND	ND	ND	ND	6.1J	ND	ND	ND	
	7/25/06	8	10.1J	174	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	10/4/06	9	<5	<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	<5	
O	2/7/07	9	<5	96	7	<5	<5	<5	<5	<5	<5	<5	<5	
	4/13/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
	10/25/07	9	<5	<5	8	<5	<5	<5	<5	<5	<5	<5	<5	
	1/18/08	9	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	
	4/17/08	9	<5	<5	<5	<5	<5	<5	<10	<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 2008 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Sediment Lab Results										
			Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	Cis-1,3-Dichloropropene	M,P,O-Xylenes	Methylene Chloride ²	Toluene	Trichlorofluoromethane	Ethyl Benzene	
			[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	ND	7.1J	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	ND	6.7J	ND	ND	ND
	9/17/02 ⁶	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 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)	ND (<1.1)
	7/21/03	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/29/04	8	12.2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	7/26/04	12	ND	ND	ND	ND	ND	ND	ND	5.5J	ND	3.9J	ND
	10/20/04	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/31/05	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/4/05	8	ND	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	ND
	10/27/05	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/26/06	8	ND	ND	ND	ND	ND	ND	ND	ND	3.9J	ND	ND
	4/19/06	10	ND	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	ND
	10/4/06	9	<5	<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	<5
	4/13/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	10/25/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<5	<10	16	<5	<5	<5
	4/17/08	9	<5	<5	<5	<5	<5	<5	<10	<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 2008 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	11/15/01	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
	1/31/05	ND	ND	ND	ND	ND	ND
	1/26/06	ND	ND	ND	ND	ND	ND
	1/16/07	<1	<1	<1	<1	<1	7
	2/1/08	<1	<1	<1	<1	<1	<1
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
	1/31/05	ND	ND	ND	ND	ND	ND
	1/26/06	ND	ND	ND	ND	ND	ND
	1/23/07	<1	<1	<1	<1	<1	2
	2/1/08	<1	<1	<1	<1	<1	<1
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
	1/31/05	ND	ND	ND	ND	ND	ND
	1/26/06	NS ⁹	NS	NS	NS	NS	NS
	1/16/07	<1	<1	<1	<1	<1	<1
C-dup	1/16/07	<1	<1	<1	<1	<1	<1
C	2/1/08	<1	<1	<1	<1	<1	<1
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
	1/31/05	ND	ND	ND	ND	ND	ND
	1/26/06	ND	ND	ND	ND	ND	ND
	1/16/07	<1	<1	<1	<1	<1	5
	2/1/08	NS ⁷	NS ⁷	NS ⁷	NS ⁷	NS ⁷	NS ⁷
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
	1/31/05	ND	ND	ND	ND	ND	ND
	1/26/06	NS	NS	NS	NS	NS	NS
	1/16/07	<1	<1	<1	<1	<1	<1
2/1/08	NS ⁷	NS ⁷	NS ⁷	NS ⁷	NS ⁷	NS ⁷	
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
	1/31/05	ND	ND	ND	ND	ND	1.1J
	1/26/06	ND	ND	ND	ND	ND	ND
	1/16/07	<1	<1	<1	<1	<1	<1
	2/1/08	<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 2008 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	11/15/01	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
	1/31/05	ND	ND	ND	ND	ND	ND
	1/26/06	ND	ND	ND	ND	ND	ND
	1/15/07	<1	<1	<1	<1	<1	<1
	2/1/08	<1	<1	<1	<1	<1	<1
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
	1/31/05	1.0J	ND	ND	ND	ND	ND
	1/26/06	ND	ND	ND	ND	ND	ND
	1/15/07	<1	<1	<1	<1	<1	<1
	2/1/08	<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
	08/01/07	<1	<1	<1	<1	<1	<1
	01/18/08	2.4	<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
	08/01/07	<1	<1	<1	<1	<1	<1
	1/18/08	1.2	<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 2008 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
	08/01/07	4.2	<1	<1	<1	<1	<1
	01/18/08	4.2	<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
L-dup	01/17/07	<1	<1	<1	<1	<1	<1
L	08/01/07	1.4	<1	<1	<1	<1	<1
	01/18/08	2.7	<1	<1	<1	<1	<1
	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	
08/01/07	<1	<1	<1	<1	<1	<1	
1/18/08	<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 2008 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	<1
	08/01/07	14.9	<1	<1	<1	<1	<1
	10/25/07	<1	<1	<1	<1	<1	<1
	01/18/08	9.2	2.3	<1	<1	<1	<1
	04/17/08	21.9	<1	<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

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 2008 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
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
	08/01/07	<1	13.8	2.4	<1	<1	<1
	10/25/07	<1	2.4	<1	<1	<1	<1
	01/18/08	14.2	6.8	<1	<1	<1	<1
	04/17/08	<1	3.2	<1	<1	<1	<1
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
08/01/07	24.5	<1	<1	<1	<1	<1	
10/25/07	12.0	<1	<1	<1	<1	<1	
01/18/08	31.8	<1	<1	<1	<1	<1	
04/17/08	29.4	<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 3a
Preliminary Screening Level Evaluation for Surface Water in Kilby Ditch and the Low-lying Areas: Human Receptors
Coliseum Boulevard Plume Site

Chemical of Potential Concern	Surface Water PSV ⁽¹⁾ for Trespasser Exposure		ADEM Water Quality Criterion ⁽²⁾		Kilby Ditch				Low-Lying Areas			
	(ug/L)	basis	(ug/L)	basis	Frequency of Detection	Range of Detected Concentrations ⁽³⁾ (ug/L)	Location and Date of Maximum Concentration ⁽⁴⁾		Frequency of Detection	Range of Detected Concentrations ⁽³⁾ (ug/L)	Location and Date of Maximum Concentration ⁽⁴⁾	
Chloroform	2,851	nc	1,020	ca	7 / 32	1.2 J - 5.8	ZD-1	Apr 08	0 / 76	< 1	--	--
1,1-Dichloroethene	9,178	nc	20,833	nc	2 / 32	1.6 J - 1.7 J	MP-1	Jan 05	0 / 76	< 1	--	--
cis-1,2-Dichloroethene	1,947	nc	2,881	nc	13 / 32	1 J - 8.3 J	MP-1	Jan 05	10 / 76	1.9 J - 18.2 J	O	Jan 05
Toluene	14,449	nc	43,614	nc	4 / 32	1.6 J - 62	MP-1	Oct 06	2 / 76	1.1 J - 1.6 J	O	Jul 05
Trichloroethene	853	ca	175	ca	43 / 32	1.9 J - 78.7	MP-1	Jan 05	43 / 76	1.0 J - 31.8	P	Jan 08
Vinyl chloride	41	ca	1,146	ca	0 / 32	< 1	--	--	4 / 76	1.0 J 2.5	O	Oct 06

Notes

µg/L = micrograms per liter

(1) Derived preliminary screening value for a target non-cancer (nc) hazard quotient = 0.1 or a target cancer (ca) risk = 1×10^{-6} .

(2) From ADEM Admin. Code R.335-6-10-.07 Toxic Pollutant Criteria Applicable to State Waters; for fish consumption only.

(3) For January 2005 - April 2008. Data for Kilby Ditch are for MP-1, MP-2, CP-1, CP-2, and CP-3

(4) The locations are shown on Figure 2.

J = estimated concentration

Table 3b
Preliminary Screening Level Evaluation for Surface Water in Kilby Ditch and the Low-lying Areas: Ecological Receptors
Coliseum Boulevard Plume Site

Chemical of Potential Concern	USEPA Region 4 ESL ⁽¹⁾ (ug/L)	USEPA Region 5 ESL ⁽²⁾ (ug/L)	Kilby Ditch			Low-Lying Areas			
			Frequency of Detection	Range of Detected Concentrations ⁽³⁾ (ug/L)	Location and Date of Maximum Concentration ⁽⁴⁾	Frequency of Detection	Range of Detected Concentrations ⁽³⁾ (ug/L)	Location and Date of Maximum Concentration ⁽⁴⁾	
Chloroform	289 *	--	3 / 30	1.2 J - 1.4 J	CP-2 1/27/06	0 / 76	< 1	--	--
1,1-Dichloroethene	303 *	--	0 / 30	< 1	--	0 / 76	< 1	--	--
cis-1,2-Dichloroethene	1,350 *^	NA	2 / 30	1.0 J - 1.3 J	CP-1 7/25/06	10 / 76	1.9 J - 18.2 J	O	Jan 05
Toluene	175 *	--	0 / 30	< 1	--	2 / 76	1.1 J - 1.6 J	O	Jul 05
Trichloroethene	NA	47	27 / 30	1.9 J - 28.9	CP-1 1/26/05	42 / 76	1.0 J - 31.8	P	Jan 08
Vinyl chloride	NA	930	0 / 30	< 1	--	4 / 76	1.0 J 2.5	O	Oct 06

Notes

µg/L = micrograms per liter

(1) USEPA Region 4 Ecological Screening Levels (ESLs) accessed at www.epa.gov/region04/waste/ots/ecolbul.htm

(2) USEPA Region 5 ESLs accessed at www.epa.gov/RCRIS-Region-5/ca/edql.htm

(3) For January 2005 - April 2008. Data for Kilby Ditch are from CP-1, CP-2, and CP-3 only.

(4) The locations are shown on Figure 2.

NA = Not Available

J = estimated concentration

* Screening level is equivalent to acute toxicity level with an uncertainty factor of 10 applied.

^ Since no ESLs are available for cis-1,2-dichloroethene, the ESL for trans-1,2-dichloroethene is used to approximate the potential for ecological risk.

Table 3c
Preliminary Screening Level Evaluation for Sediment in Low-lying Areas: Human and Ecological Receptors
Coliseum Boulevard Plume Site

Chemical of Potential Concern	Sediment PSV ⁽¹⁾ for Trespasser Exposure		USEPA Region 5 Sediment ESL ⁽²⁾ (µg/kg)	Low-lying Areas		
	(ug/kg)	basis		Frequency of Detection	Range of Detected Concentrations ⁽³⁾ (ug/kg)	Location and Date of Maximum Concentration ⁽⁴⁾
Benzene	208,451	ca	142	1 / 78	5.6 J	O Jan 06
cis-1,2-Dichloroethene	1,637,832	nc	654 ^	8 / 78	2.3 J - 370	O May 05
trans-1,2-Dichloroethene	3,275,664	nc	654	2 / 78	6.2 J - 7.8 J	O May 05
Methylene chloride	1,528,643	ca	159	3 / 78	3.1 J - 41 B	P Oct 06
Toluene	28,052,946	nc	1,220	5 / 78	3.9 J - 37.5 J	O Jan 06
Trichloroethene	755,272	ca	112	9 / 78	1.2 J - 31.8 J	O May 05
Vinyl chloride	15,923	ca	202	2 / 78	5.9 J - 51 J	O Jan 06

Notes

µg/kg = micrograms per kilogram

(1) Derived preliminary screening value for a target noncancer (nc) hazard quotient = 0.1 or a target cancer (ca) risk = 1×10^{-6} .

(2) USEPA Region 5 ESLs accessed at www.epa.gov/RCRIS-Region-5/ca/edql.htm

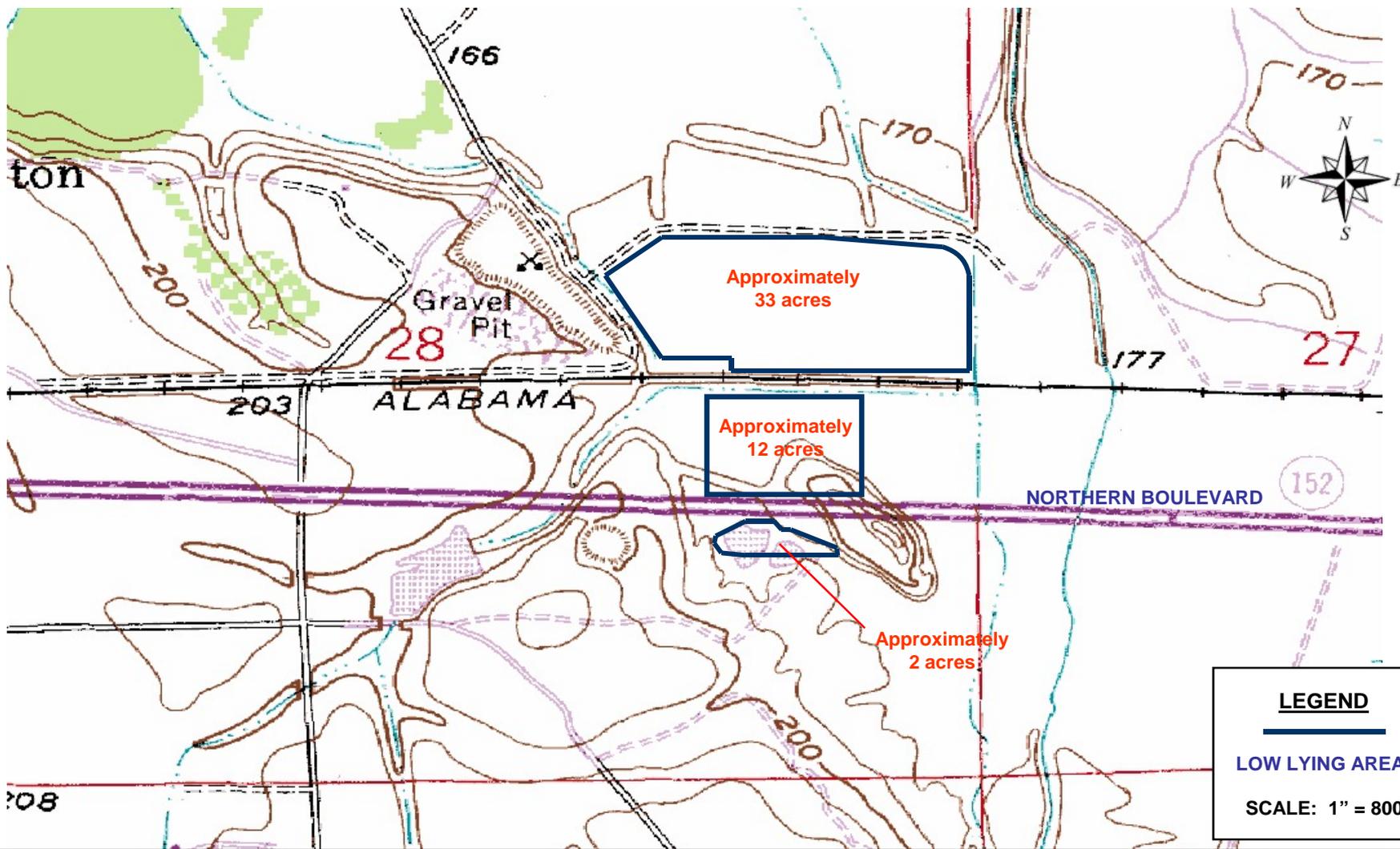
(3) For January 2005 to April 2008

(4) The locations are shown on Figure 2.

J = estimated concentration

^ Since no ESL is available for cis-1,2-dichloroethene, the ESL for trans-1,2-dichloroethene is used to approximate the potential for ecological risk.

FIGURES

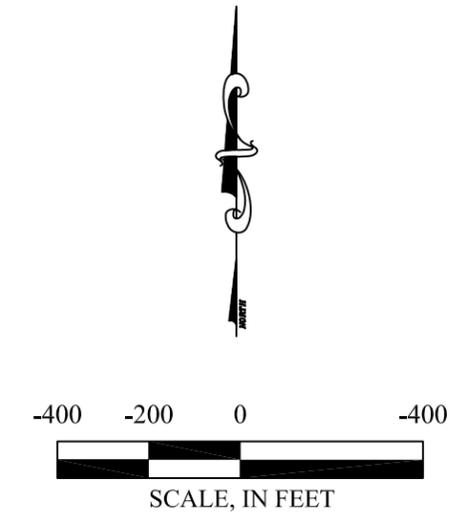
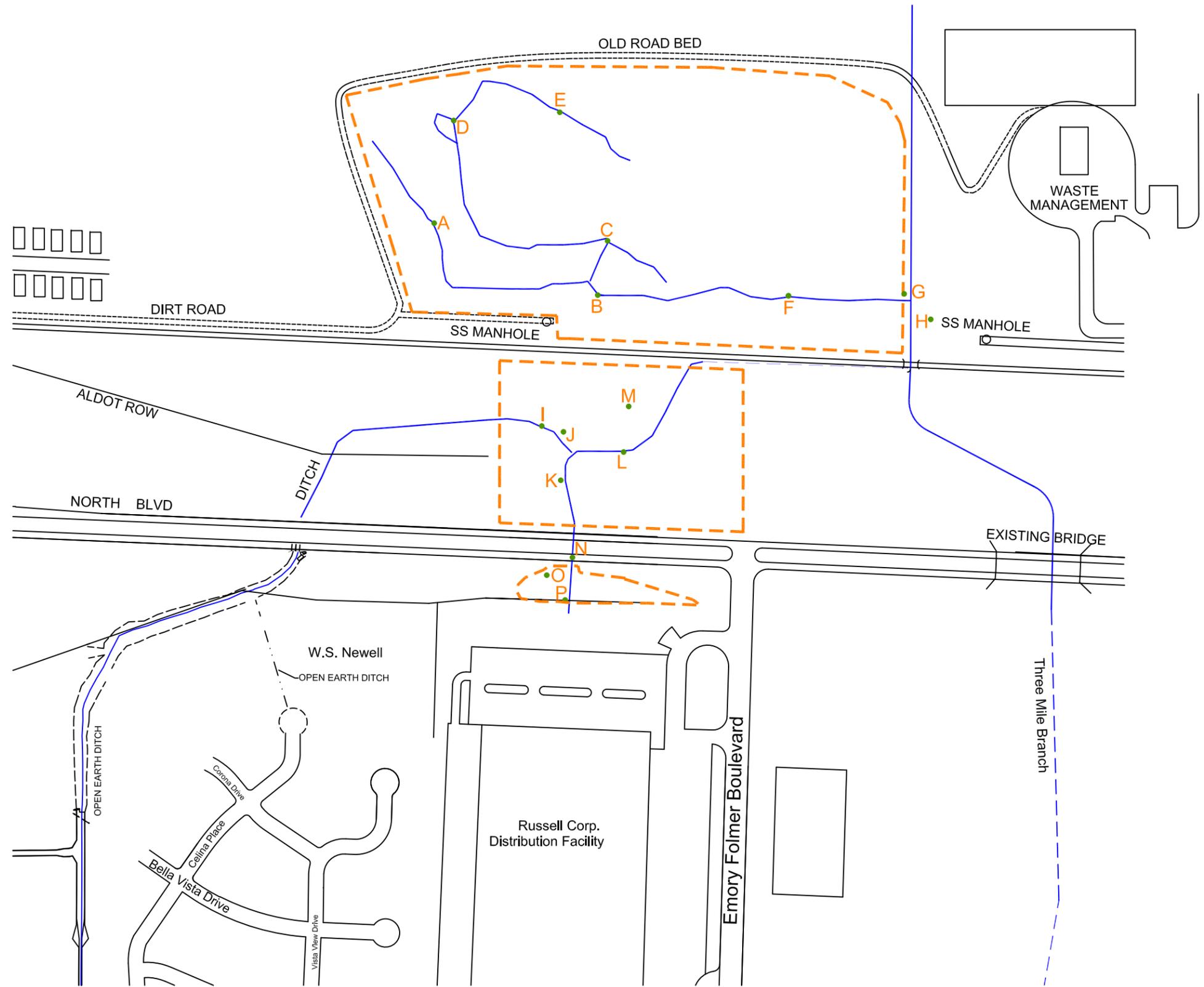


ALABAMA DEPARTMENT OF TRANSPORTATION
MONTGOMERY, ALABAMA

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



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



LEGEND

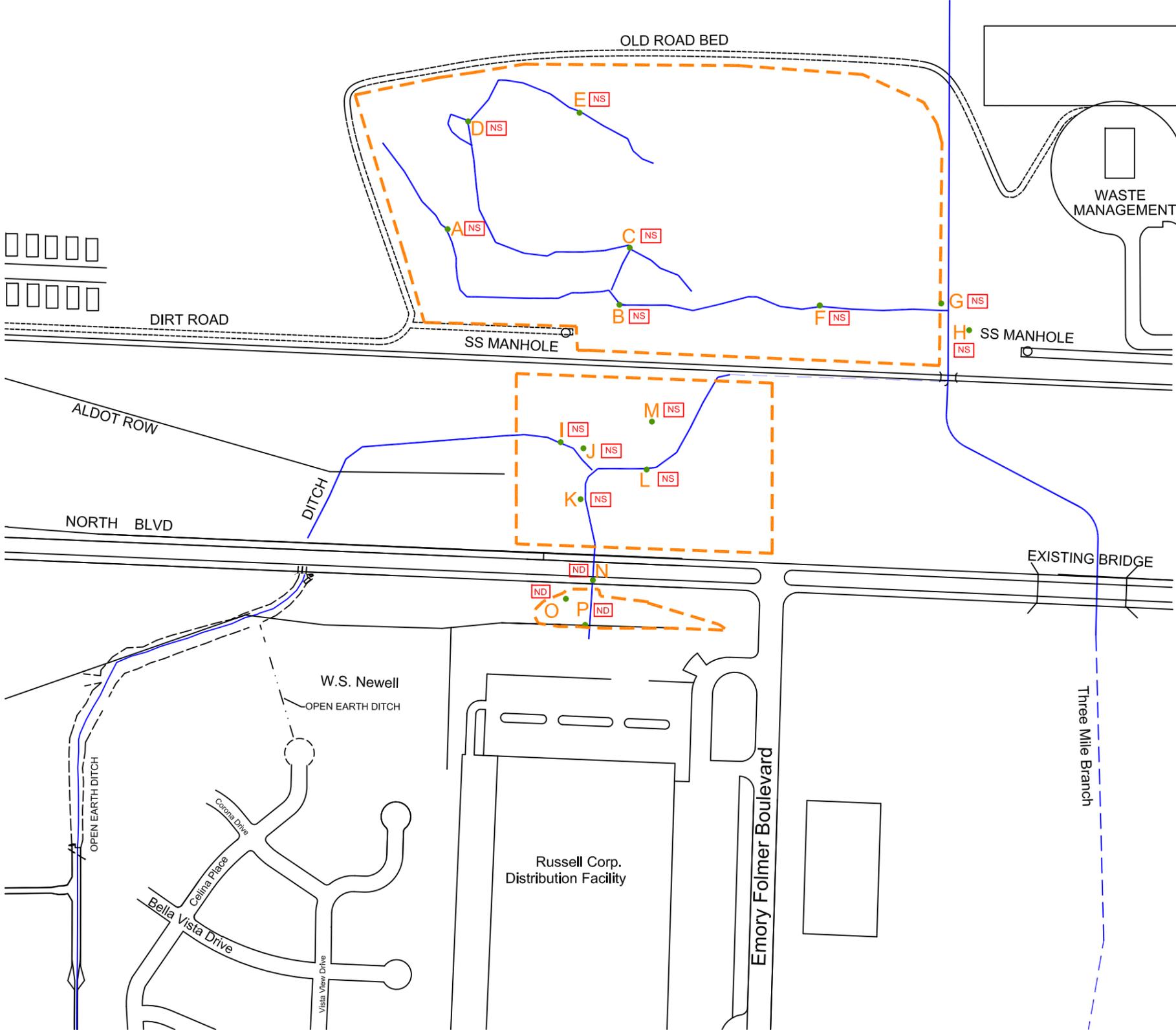
-  Boundary of Low Lying Area
-  Sample location and Identifier
-  Approximate locations of intermittent streams

SOUTHERN EARTH SCIENCES, INC.

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 2 - SAMPLE LOCATIONS AND IDENTIFIERS
LOW-LYING AREAS
APRIL 2008 SAMPLING EVENT
SESI JOB # C-06-401

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



LEGEND

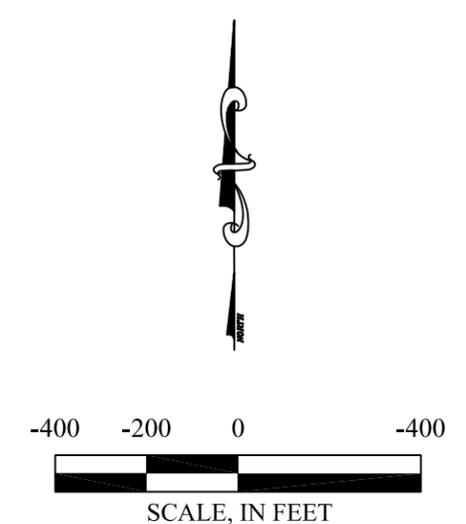
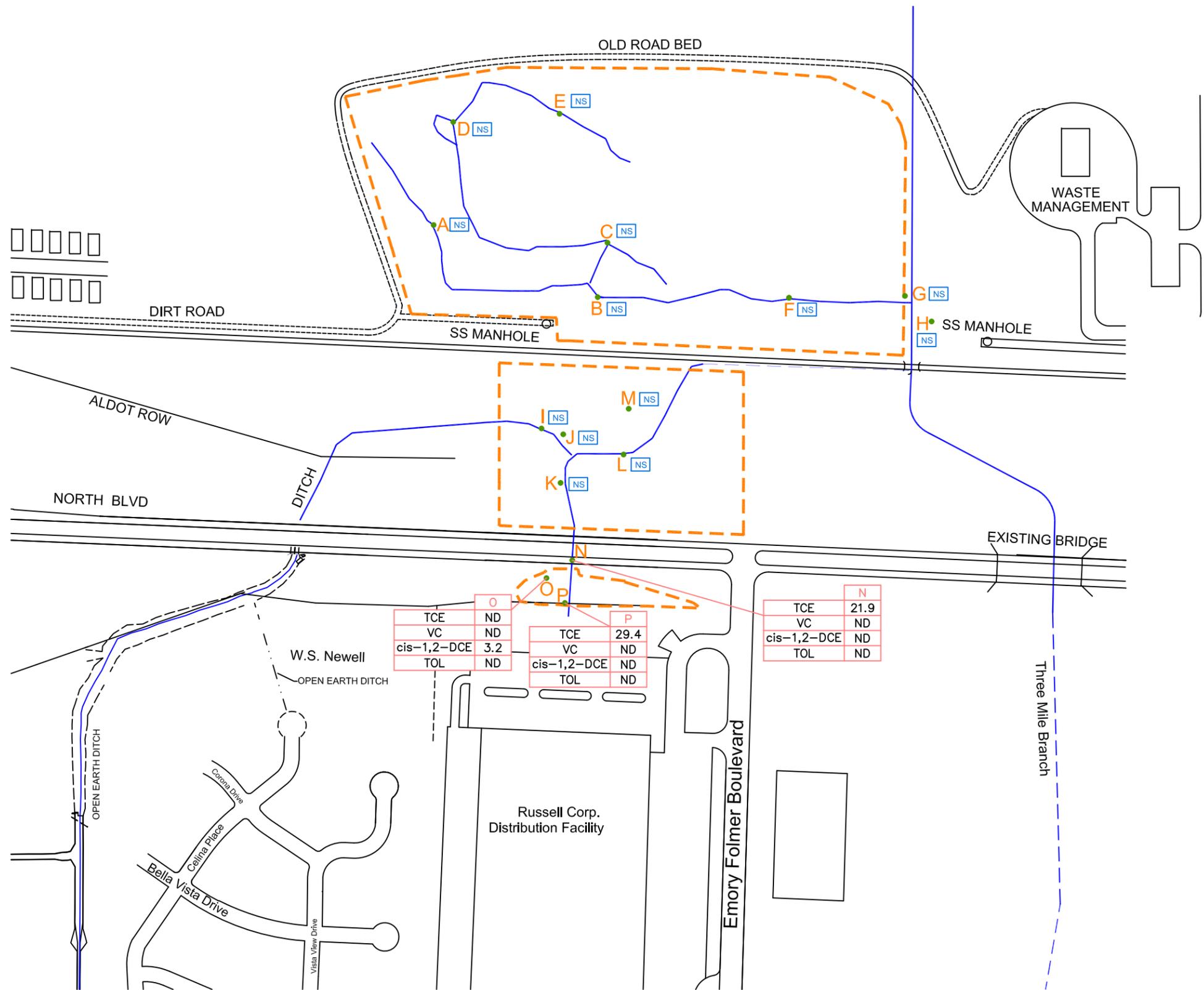
- ND Not Detected
 - NS Not Sampled
 - Boundary of Low Lying Area
 - M • Sample location and Identifier
 - Approximate locations of intermittent streams
- | | |
|----------|--|
| P | SAMPLE LOCATION |
| ND | VINYL CHLORIDE in ug/kg (VC) |
| ND | trans-1,2-DICHLOROETHENE in ug/kg (trans-1,2 DCE) |
| ND | cis-1,2-DICHLOROETHENE in ug/kg (cis-1,2-DCE) |
| ND | METHYLENE CHLORIDE in ug/kg (CH ₂ Cl ₂) |



ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 3 - SEDIMENT SAMPLES
COLLECTED FROM LOW LYING AREAS
APRIL 2008 SAMPLING EVENT
SESI JOB # C-06-401

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



LEGEND

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

O	SAMPLE LOCATION
ND	TRICHLOROETHENE in ug/L (TCE)
ND	VINYL CHLORIDE in ug/L (VC)
3.2	cis-1,2-DICHLOROETHENE in ug/L (cis-1,2-DCE)
ND	TOLUENE in ug/L (TOL)

O	TCE	ND	P	TCE	29.4
	VC	ND		VC	ND
	cis-1,2-DCE	3.2		cis-1,2-DCE	ND
	TOL	ND		TOL	ND

N	TCE	21.9
	VC	ND
	cis-1,2-DCE	ND
	TOL	ND



ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 4 - SURFICIAL WATER SAMPLES COLLECTED FROM LOW LYING AREAS
APRIL 2008 SAMPLING EVENT
SESI JOB # C-06-401

ATTACHMENT



**April 2008
Quarterly Sampling
Event**



N-Water

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

Sampling Method: *Grab*

Date/Time: *4.17.08 / 0850* **Personnel:** *WM, SB* **GPS Lat/Lon:** *Location N*

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

O-Water

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

Sampling Method: *Grab*

Date/Time: *4.17.08 / 0950* **Personnel:** *WM, SB* **GPS Lat/Lon:** *Location O*

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

P-Water

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

Sampling Method: *Grab*

Date/Time: *04.17.08 / 0800* **Personnel:** *WM, SB* **GPS Lat/Lon:** *Location P*

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

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

Report Date: 05/19/2008
 Project No. 06-401
 Project: ALDOT - Coliseum Blvd Plume



ECI Lab Number	Sample Location	Matrix	Sample Date	Sampled By	Date Analyzed	Analyst	Units	Reporting Limit	Analyte	Result	Flag
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/22/2008 9:00:00 AM	ES	% by Weight	0.1	Moisture	24.3	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Chloromethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Vinyl chloride	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Chloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Trichlorofluoromethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,1-Dichloroethene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Methylene Chloride	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	trans-1,2-Dichloroethene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,1-Dichloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	cis-1,2-Dichloroethene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Chloroform	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,1,1-Trichloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Carbon Tetrachloride	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Benzene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,2-Dichloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Trichloroethylene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,2-Dichloropropane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Bromodichloromethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	cis-1,3-Dichloropropene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Toluene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	trans-1,3-Dichloropropene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,1,2-Trichloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Tetrachloroethylene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Dibromochloromethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Chlorobenzene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,1,1,2-Tetrachloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Ethylbenzene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	10	m,p-Xylene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	o-Xylene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	Bromoform	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,1,2,2-Tetrachloroethane	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,3-Dichlorobenzene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,4-Dichlorobenzene	ND	
08D0402-04	N	Soil	4/17/2008 8:50:00 AM	Will McBryde	4/30/2008 8:20:00 PM	JNB	ug/kg	5	1,2-Dichlorobenzene	ND	

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ECI Lab Number	Sample Location	Matrix	Sample Date	Sampled By	Date Analyzed	Analyst	Units	Reporting Limit	Analyte	Result	Flag
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/22/2008 9:00:00 AM	ES	% by Weight	0.1	Moisture	81.1	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Chloromethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Vinyl chloride	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Chloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Trichlorofluoromethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,1-Dichloroethene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Methylene Chloride	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	trans-1,2-Dichloroethene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,1-Dichloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	cis-1,2-Dichloroethene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Chloroform	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,1,1-Trichloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Carbon Tetrachloride	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Benzene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,2-Dichloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Trichloroethylene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,2-Dichloropropane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Bromodichloromethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	cis-1,3-Dichloropropene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Toluene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	trans-1,3-Dichloropropene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,1,2-Trichloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Tetrachloroethylene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Dibromochloromethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Chlorobenzene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,1,1,2-Tetrachloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Ethylbenzene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	12	m,p-Xylene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	o-Xylene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	Bromoform	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,1,2,2-Tetrachloroethane	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,3-Dichlorobenzene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,4-Dichlorobenzene	ND	
08D0402-06	O	Soil	4/17/2008 9:50:00 AM	Will McBryde	4/30/2008 8:54:00 PM	JNB	ug/kg	6	1,2-Dichlorobenzene	ND	

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ECI Lab Number	Sample Location	Matrix	Sample Date	Sampled By	Date Analyzed	Analyst	Units	Reporting Limit	Analyte	Result	Flag
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/22/2008 9:00:00 AM	ES	% by Weight	0.1	Moisture	11.8	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Chloromethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Vinyl chloride	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Chloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Trichlorofluoromethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,1-Dichloroethene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Methylene Chloride	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	trans-1,2-Dichloroethene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,1-Dichloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	cis-1,2-Dichloroethene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Chloroform	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,1,1-Trichloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Carbon Tetrachloride	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Benzene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,2-Dichloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Trichloroethylene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,2-Dichloropropane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Bromodichloromethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	cis-1,3-Dichloropropene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Toluene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	trans-1,3-Dichloropropene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,1,2-Trichloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Tetrachloroethylene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Dibromochloromethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Chlorobenzene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,1,1,2-Tetrachloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Ethylbenzene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	10	m,p-Xylene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	o-Xylene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	Bromoform	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,1,2,2-Tetrachloroethane	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,3-Dichlorobenzene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,4-Dichlorobenzene	ND	
08D0402-02	P	Soil	4/17/2008 8:00:00 AM	Will McBryde	4/30/2008 7:46:00 PM	JNB	ug/kg	5	1,2-Dichlorobenzene	ND	

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ECI Lab Number	Sample Location	Matrix	Sample Date	Sampled By	Date Analyzed	Analyst	Units	Reporting Limit	Analyte	Result	Flag
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Chloromethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Vinyl chloride	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Chloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Trichlorofluoromethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,1-Dichloroethene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Methylene Chloride	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	trans-1,2-Dichloroethene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,1-Dichloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	cis-1,2-Dichloroethene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Chloroform	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,1,1-Trichloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Carbon Tetrachloride	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Benzene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,2-Dichloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Trichloroethylene	21.9	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,2-Dichloropropane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Bromodichloromethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	cis-1,3-Dichloropropene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Toluene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	trans-1,3-Dichloropropene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,1,2-Trichloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Tetrachloroethylene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Dibromochloromethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Chlorobenzene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,1,1,2-Tetrachloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Ethylbenzene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	m,p-Xylene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	o-Xylene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	Bromoform	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,1,2,2-Tetrachloroethane	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,3-Dichlorobenzene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,4-Dichlorobenzene	ND	
08D0402-03	N	Surface Water	4/17/2008 8:50:00 AM	Will McBryde	4/28/2008 7:54:00 PM	JNB	ug/L	1.0	1,2-Dichlorobenzene	ND	

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 Project: ALDOT - Coliseum Blvd Plume



ECI Lab Number	Sample Location	Matrix	Sample Date	Sampled By	Date Analyzed	Analyst	Units	Reporting Limit	Analyte	Result	Flag
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Chloromethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Vinyl chloride	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Chloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Trichlorofluoromethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,1-Dichloroethene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Methylene Chloride	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	trans-1,2-Dichloroethene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,1-Dichloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	cis-1,2-Dichloroethene	3.2	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Chloroform	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,1,1-Trichloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Carbon Tetrachloride	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Benzene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,2-Dichloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Trichloroethylene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,2-Dichloropropane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Bromodichloromethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	cis-1,3-Dichloropropene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Toluene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	trans-1,3-Dichloropropene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,1,2-Trichloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Tetrachloroethylene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Dibromochloromethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Chlorobenzene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,1,1,2-Tetrachloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Ethylbenzene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	m,p-Xylene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	o-Xylene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	Bromoform	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,1,2,2-Tetrachloroethane	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,3-Dichlorobenzene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,4-Dichlorobenzene	ND	
08D0402-05	O	Surface Water	4/17/2008 9:50:00 AM	Will McBryde	4/29/2008 1:07:00 PM	JNB	ug/L	1.0	1,2-Dichlorobenzene	ND	

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

Report Date: 05/19/2008
 Project No. 06-401
 Project: ALDOT - Coliseum Blvd Plume



ECI Lab Number	Sample Location	Matrix	Sample Date	Sampled By	Date Analyzed	Analyst	Units	Reporting Limit	Analyte	Result	Flag
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Chloromethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Vinyl chloride	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Chloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Trichlorofluoromethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,1-Dichloroethene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Methylene Chloride	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	trans-1,2-Dichloroethene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,1-Dichloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	cis-1,2-Dichloroethene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Chloroform	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,1,1-Trichloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Carbon Tetrachloride	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Benzene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,2-Dichloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Trichloroethylene	29.4	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,2-Dichloropropane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Bromodichloromethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	cis-1,3-Dichloropropene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Toluene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	trans-1,3-Dichloropropene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,1,2-Trichloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Tetrachloroethylene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Dibromochloromethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Chlorobenzene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,1,1,2-Tetrachloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Ethylbenzene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	m,p-Xylene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	o-Xylene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	Bromoform	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,1,2,2-Tetrachloroethane	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,3-Dichlorobenzene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,4-Dichlorobenzene	ND	
08D0402-01	P	Surface Water	4/17/2008 8:00:00 AM	Will McBryde	4/28/2008 7:30:00 PM	JNB	ug/L	1.0	1,2-Dichlorobenzene	ND	

