SUMMARY REPORT FOR THE JULY 2009 SAMPLING EVENT

INVESTIGATION OF "LOW-LYING AREAS"

Coliseum Boulevard Plume Site Montgomery, Alabama

October 2009

Submitted to:

The Alabama Department of Environmental Management
Montgomery, Alabama

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DEPARTMENT OF TRANSPORTATION

SUMMARY REPORT FOR THE JULY 2009 SAMPLING EVENT

INVESTIGATION OF "LOW-LYING AREAS"

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 July 2009 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 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 and are monitored semi-annually. Sample locations N through P are south of North Boulevard and are monitored quarterly.

This report provides the results for the July 2009 sampling event, which was a quarterly event.

Sample Collection

On July 1, 2009, eight (10) locations (G through P) were sampled for VOCs (Volatile Organic Compounds) 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 analyses 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 VOCs using Method 5035/8260 (sediment) and 8260 (surface water) as outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

Results

The historical and current analytical results for samples collected in the Low-Lying Areas are presented in Tables 2a (sediment results) and 2b (surface water results). Analytical results for the July 2009 sampling event are shown in Figure 3 (sediment results) and Figure 4 (surface water results).

Sediment

Sample location O contained cis-1,2-Dichloroethene at a concentration of 9 ug/kg. No VOCs were detected in any of the remaining sediment samples.

Surface Water

Trichloroethylene was detected in five of the eight surface water sample locations in the Low-Lying areas. The TCE concentrations detected were: K (11.5 ug/L), L (7.9 ug/L), N (21.8 ug/L), O (1.3 ug/L), and P (44.7 ug/L). Sample location J contained concentrations of toluene at 2.0 ug/L. Sample location O also had a concentration of cis,1-2 dichloroethylene at 13.4 ug/L as well as a concentration of vinyl chloride at 1.2 ug/L. The TCE concentrations detected were below the current action level for TCE in surface water of 175 µg/L. Laboratory reports of the analyses are attached.

Preliminary Screening Level Evaluation

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.

Since 2001, sediment samples have been collected from sixteen (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 VOCs.

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.

As shown in Table 2a, 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[1]. 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. Additionally, a permanent fence is being constructed around the Low-Lying Area as part of the remedial actions for the Kilby Ditch and Low-Lying Area.

As also shown in Table 2a, the maximum detected concentrations of all COPCs in sediment are less than the USEPA Region 5 ESLs (Ecological Screening Levels) for sediment. Therefore, there are no COCs in sediment in the Low-Lying Areas for ecological receptors, and ecological risk is unlikely.

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.

As shown in Table 2b, the maximum detected concentrations of all COPCs in surface water are less than the PSVs derived for incidental dermal contact by an adolescent trespasser[2] 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.

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.

No maximum concentrations from this sampling event exceeded the sediment 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.

This sampling event for July 2009 for the low lying area was the final event prior to the beginning of construction of the wetland treatment system. Following construction, a new monitoring plan will be implemented for monitoring the effectiveness of the treatment system. Samples will continue to be collected at locations G, H, N, O, and P throughout construction as these areas will not be affected during the construction.

[1]These sediment PSVs were derived for exposure of an adolescent trespasser ONLY. The PSVs would be different for other human receptors and/or other exposure assumptions.

[2]These surface water PSVs were derived for exposure of an adolescent trespasser ONLY. The PSVs would be different for other human receptors and/or other exposure assumptions.

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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			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
Sediment PSV[(6)] for Trespasser Exposure			755,272	1,637,832	15,923	208,451	NA	NA	1,528,643	28,052,946	NA	NA
USEPA Region 5 Sediment ESL[(7)]			112	654^	202	142	NA	NA	159	1,220	NA	NA
		Approximate Sample Depth (inches)	[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	Sample Date		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
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5
	4/23/09	9	<5	<5	<5	<5	<5	<10	<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[5]	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
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5
	4/23/09	9	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6
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
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
C-dup	1/16/07	9	<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
	4/23/09	9	<5	<5	<5	<5	<5	<10	<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
	2/1/2008	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/23/2009	9	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

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			Trichloroethylene	cis-1,2-Dichloroethene	Vinyl Chloride	Benzene	cis-1,3-Dichloropropene	m,p,o-Xylenes	Methylene Chloride[2]	Toluene	Trichlorofluoromethane	Ethyl Benzene
Sediment PSV[(6)] for Trespasser Exposure			755,272	1,637,832	15,923	208,451	NA	NA	1,528,643	28,052,946	NA	NA
USEPA Region 5 Sediment ESL[(7)]			112	654^	202	142	NA	NA	159	1,220	NA	NA
			[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
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	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<7	<7	<7	<7	<7	<13	<20	<7	<7	<7
	4/23/09	9	<5	<5	<5	<5	<5	<11	<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
	1/16/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5
	4/23/09	9	<5	<5	<5	<5	<5	<11	<5	<5	<5	<5
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
	1/15/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	2/1/08	9	<5	<5	<5	<5	<5	<10	<20	<5	<5	<5
	4/23/09	9	<5	<5	<5	<5	<5	<11	<5	<5	<5	<5
	7/21/09	9	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6
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
	2/1/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/23/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/21/09	9	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			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
Sediment PSV[(6)] for Trespasser Exposure			755,272	1,637,832	15,923	208,451	NA	NA	1,528,643	28,052,946	NA	NA
USEPA Region 5 Sediment ESL[(7)]			112	654^	202	142	NA	NA	159	1,220	NA	NA
			[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	11/3/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/22/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/1/09	9	<5	<5	<5	<5	<5	<10	<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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	11/3/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/22/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/1/09	9	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			Sediment Lab Results									
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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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<7	<7	<7	<7	<7	<14	<7	<7	<7	<7
	11/3/08	9	11	<7	<7	<7	<7	<14	<7	<7	<7	<7
	4/22/09	9	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
	7/1/09	9	<5	<5	<5	<5	<5	<11	<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
L	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	11/3/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/22/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/1/09	9	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			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
Sediment PSV[(6)] for Trespasser Exposure			755,272	1,637,832	15,923	208,451	NA	NA	1,528,643	28,052,946	NA	NA
USEPA Region 5 Sediment ESL[(7)]			112	654^	202	142	NA	NA	159	1,220	NA	NA
			[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
	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
M	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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	11/3/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/22/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/1/09	9	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			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
Sediment PSV[(6)] for Trespasser Exposure			**755,272**	**1,637,832**	**15,923**	**208,451**	**NA**	**NA**	**1,528,643**	**28,052,946**	**NA**	**NA**
USEPA Region 5 Sediment ESL[(7)]			**112**	**654^**	**202**	**142**	**NA**	**NA**	**159**	**1,220**	**NA**	**NA**
			[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	**Sample Date**	**Approximate Sample Depth (inches)**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**	**3.0 µg/kg[3]**
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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	10/25/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/17/08	9	<5	<10	<5	<5	<5	<5	<10	<5	<5	<5
	7/11/08	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/3/08	9	<9	<9	<9	<9	<9	<19	<9	<9	<9	<9
	1/28/09	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	4/22/09	9	<6	<6	<6	<6	<6	<12	<6	<6	<6	<6
	7/1/09	9	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			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
Sediment PSV[(6)] for Trespasser Exposure			755,272	1,637,832	15,923	208,451	NA	NA	1,528,643	28,052,946	NA	NA
USEPA Region 5 Sediment ESL[(7)]			112	654^	202	142	NA	NA	159	1,220	NA	NA
			[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
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	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	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	15	104	35.4J	6.3J	ND	ND	ND	ND	5.5J	ND	ND
	4/14/04	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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	10/25/07	9	<5	<5	8	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	4/17/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/11/08	9	ND	14	ND	ND	ND	ND	ND	ND	ND	ND
	11/3/08	9	<12	<12	<12	<12	<12	<23	<12	<12	<12	<12
	1/28/09	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	4/22/09	9	<6	<6	<6	<6	<6	<13	<6	<6	<6	<6
	7/1/09	9	<5	9	<5	<5	<5	<14	<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"; July 2009 Status Report; Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in sediment/soil samples are shown on Figure 3.]

Preliminary Screening Values			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
Sediment PSV[(6)] for Trespasser Exposure			755,272	1,637,832	15,923	208,451	NA	NA	1,528,643	28,052,946	NA	NA
USEPA Region 5 Sediment ESL[(7)]			112	654^	202	142	NA	NA	159	1,220	NA	NA
			[Concentrations are in micrograms per kilogram (µg/kg)]									
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]	3.0 µg/kg[3]
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[5]	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
	8/1/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	10/25/07	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	1/18/08	9	<5	<5	<5	<5	<5	<10	16	<5	<5	<5
	4/17/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/11/08	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	11/3/08	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	1/28/09	9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
	4/22/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5
	7/1/09	9	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5

Notes:

[1] Samples were analyzed in accordance with Method 5035/8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods , EPA, SW-846.
[2] Methylene Chloride is considered to have been present in the laboratory during analysis of the samples.
[3] MDL - Method Detection Limit of 3.0 micrograms per kilogram (µg/kg) for the soil laboratory analyses
[4] ND - Not Detected
[5] dup - Duplicate sample collected for quality assurance/quality control purposes.
[6] Derived preliminary screening value for a target noncancer (nc) hazard quotient = 0.1 or a target cancer (ca) risk = 1 x 10-6.
[7] USEPA Region 5 ESLs accessed at www.epa.gov/RCRIS-Region-5/ca/edql.htm
^ 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.

Table 2b. Concentrations of detected volatile organic compounds (VOCs) [1] in samples of surface water from the "Low-Lying Areas"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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[5]	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
	4/23/09	<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
	4/23/09	<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	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
	4/23/09	<1	<1	<1	<1	<1	6.5

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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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]
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]
	4/23/09	<1	<1	<1	<1	<1	<1
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]
	4/23/09	<1	<1	<1	<1	<1	13.8
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
	4/23/09	<1	<1	<1	<1	<1	<1
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
	4/23/09	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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]
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
	4/23/09	<1	<1	<1	<1	<1	<1
	7/21/09	<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
	11/03/08	1.7	<1	<1	<1	<1	<1
	04/22/09	1.1	<1	<1	<1	<1	<1
	07/01/09	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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]
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
	11/3/08	5.9	<1	<1	<1	<1	<1
	4/22/09	<1	<1	<1	<1	<1	<1
	7/1/09	<1	<1	<1	<1	<1	2
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
	11/03/08	10.8	<1	<1	<1	<1	<1
	04/22/09	15.4	<1	<1	<1	<1	<1
	07/01/09	11.5	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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]
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
L	08/01/07	1.4	<1	<1	<1	<1	<1
	01/18/08	2.7	<1	<1	<1	<1	<1
	11/03/08	4	<1	<1	<1	<1	<1
	04/22/09	7.7	<1	<1	<1	<1	<1
	07/01/09	7.9	<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
	08/01/07	<1	<1	<1	<1	<1	<1
	1/18/08	<1	<1	<1	<1	<1	<1
	11/3/08	<1	<1	<1	<1	<1	<1
	4/22/09	5.8	<1	<1	<1	<1	<1
	7/1/09	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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
	07/11/08	16.0	ND	ND	ND	ND	ND
	11/03/08	<1	<1	<1	<1	<1	<1
	01/28/09	28.5	<1	<1	<1	<1	<1
	04/22/09	34.4	<1	<1	<1	<1	<1
	07/01/09	21.8	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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	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
	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
	07/11/08	2.2	5.4	ND	ND	ND	ND
	11/03/08	<1	<1	<1	1.1	<1	<1
	01/28/09	5.9	4.6	<1	<1	<1	<1
	04/22/09	2.6	16.5	<1	<1	<1	<1
	07/01/09	1.3	13.4	1.2	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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]
	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
P	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
	07/11/08	32	ND	ND	ND	ND	ND
	11/03/08	26.4	<1	<1	<1	<1	<1
	01/28/09	49.5	<1	<1	<1	<1	<1
	04/22/09	49.3	<1	<1	<1	<1	<1
	07/01/09	44.7	<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"; July 2009 Coliseum Boulevard Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in surface-water samples are shown on Figure 3.]

Preliminary Screening Values		Surface Water Lab Results					
		Trichloroethylene	Cis-1,2-Dichloroethene	Vinyl Chloride	Chloromethane	Methylene Chloride[2]	Toluene
Surface Water PSV [8] for Trespasser Exposure		853	1,947	41	NA	NA	14,449
ADEM Water Quality Criterion[9] (Current)		175	2,881	14	NA	NA	43,614
ADEM Water Quality Criterion [10] (May 2011)		17.5	2,881	115	NA	NA	8,723
USEPA Region 4 Ecological Screening Level[11]		NA	1350**	NA	NA	NA	175
USEPA Region 5 Ecological Screening Levels [13]		21	590**	930	NA	NA	NA
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]

Notes:

[1] Samples were analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods , EPA, SW-846. Samples were analyzed by TTL, Inc. prior to October 2006 and by Envirochem after October 2

[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] Derived preliminary screening value for a target non-cancer (nc) hazard quotient = 0.1 or a target cancer (ca) risk = 1 x 10-6.

[9] From ADEM Admin. Code R.335-6-10-.07 Toxic Pollutant Criteria Applicable to State Waters currently in effect; for fish consumption only; cancer risk level = 1x10-5. The vinyl chloride criterion was revised to correct the cancer potency factor used in the original derivation.

[10] From ADEM Admin. Code R.335-6-10-.07 Toxic Pollutant Criteria Applicable to State Waters in effect May 2011; for fish consumption only; cancer risk level = 1x10-6; relative source contribution

[11] USEPA Region 4 Ecological Screening Levels (ESLs) accessed at www.epa.gov/region4/waste/ots/ecolbul.htm#tbl1

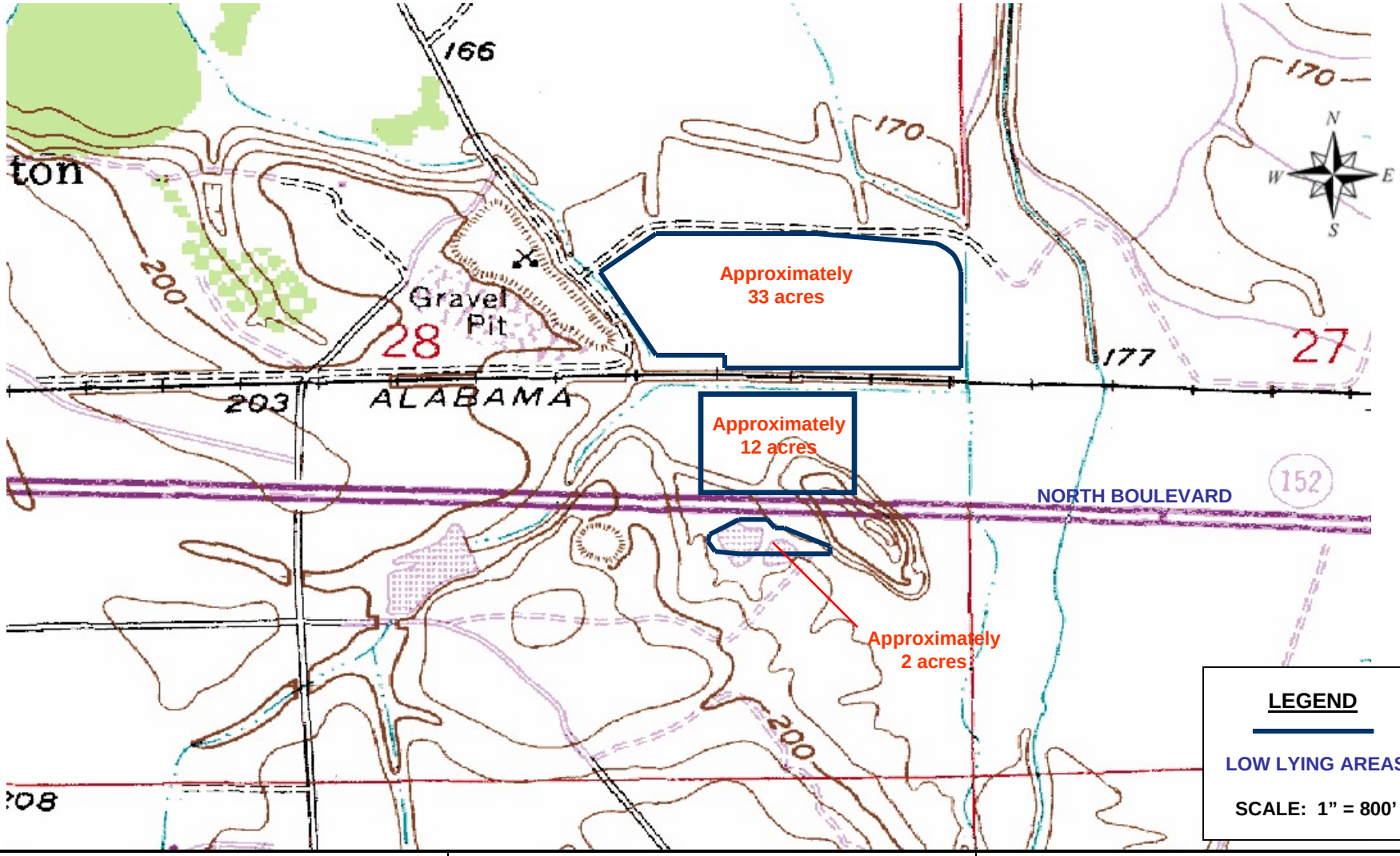
[12] USEPA Region 5 ESLs accessed at www.epa.gov/RCRIS-Region-5/ca/edql.htm

[13] USEPA Region 3 Freshwater Screening Benchmarks (FSBs) accessed at www.epa.gov/reg3hwmd/risk/eco/btag/sbv/fw/screenbench.htm

* 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. FSB is for 1,2-dichloroethene

FIGURES

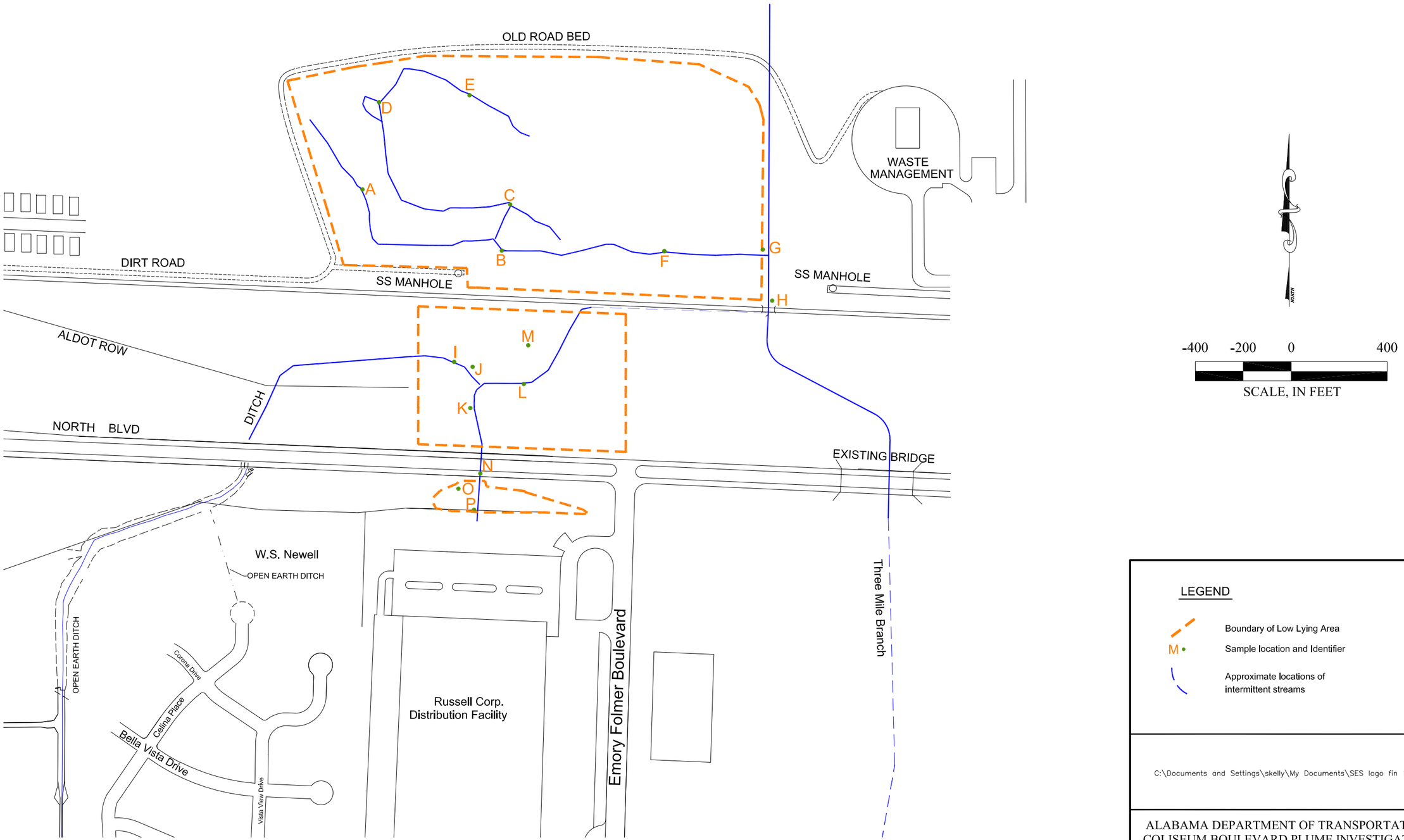


ALABAMA DEPARTMENT OF TRANSPORTATION
MONTGOMERY, ALABAMA

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

SOUTHERN EARTH SCIENCES, INC.

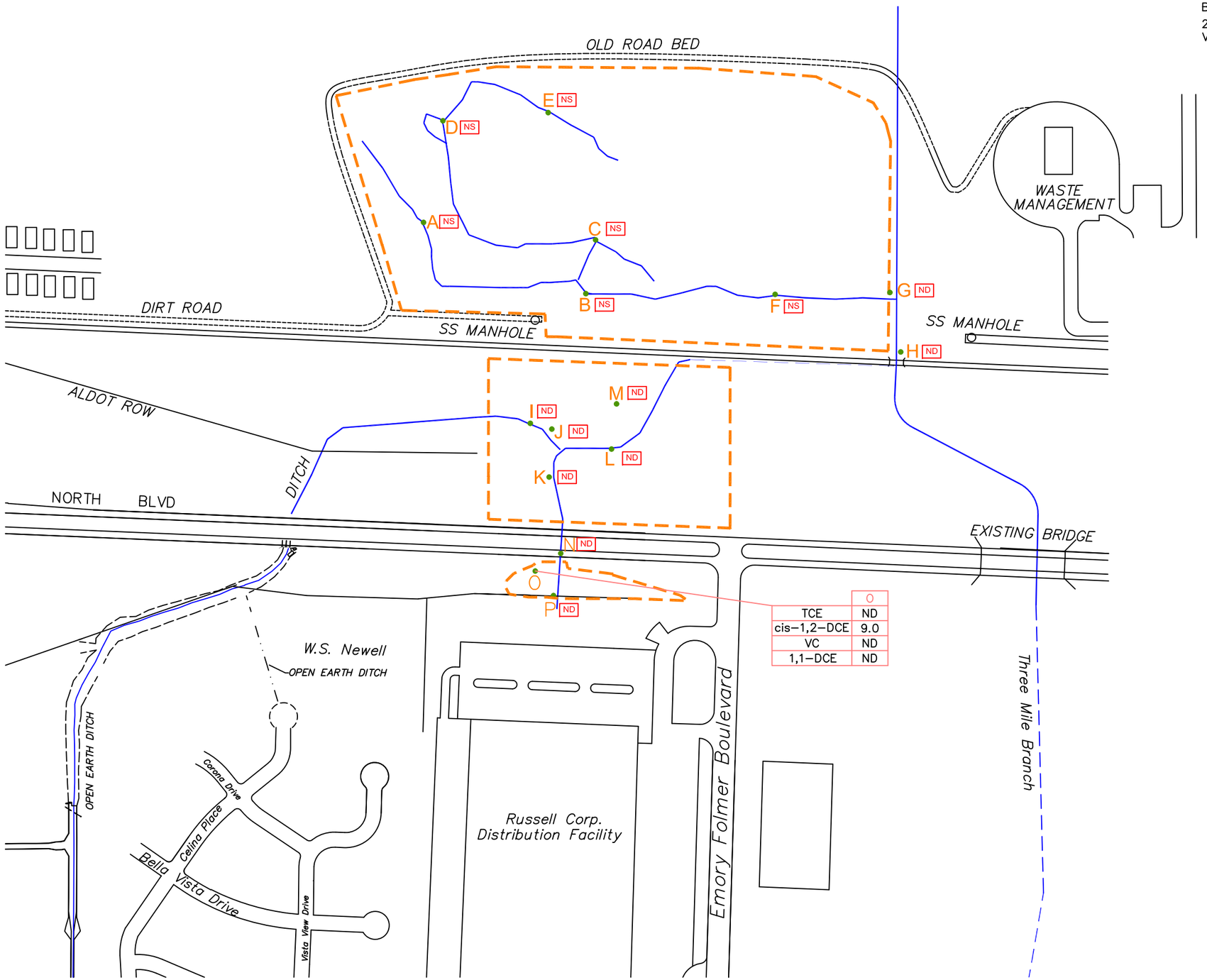
FIGURE 1
TOPOGRAPHY / LOCATIONS OF LOW LYING AREAS
COLISEUM BOULEVARD PLUME INVESTIGATION
MONTGOMERY, ALABAMA
SESI JOB #C-06-401



ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 2 - SAMPLE LOCATIONS AND IDENTIFIERS
LOW-LYING AREAS
JULY 2009 SAMPLING EVENT
SESI JOB # C-06-401

NOTE: 1) ALL DETECTED CONCENTRATIONS LISTED ARE IN MICROGRAMS PER KILOGRAM (UG/KG) OR PARTS PER BILLION EQUIVALENT.
2) ONLY TRICHLOROETHENE, cis–1,2–DICHLOROETHENE, VINYL CHLORIDE AND 1,1–DICHLOROETHENE ARE LISTED.



	O
TCE	ND
cis–1,2–DCE	9.0
VC	ND
1,1–DCE	ND

-400 -200 0 400
SCALE, IN FEET

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/kg (TCE)
9.0	cis–1,2–DICHLOROETHENE in ug/kg (cis–1,2–DCE)
ND	VINYL CHLORIDE in ug/kg (VC)
ND	1,1–DICHLOROETHENE in ug/kg (1,1–DCE)

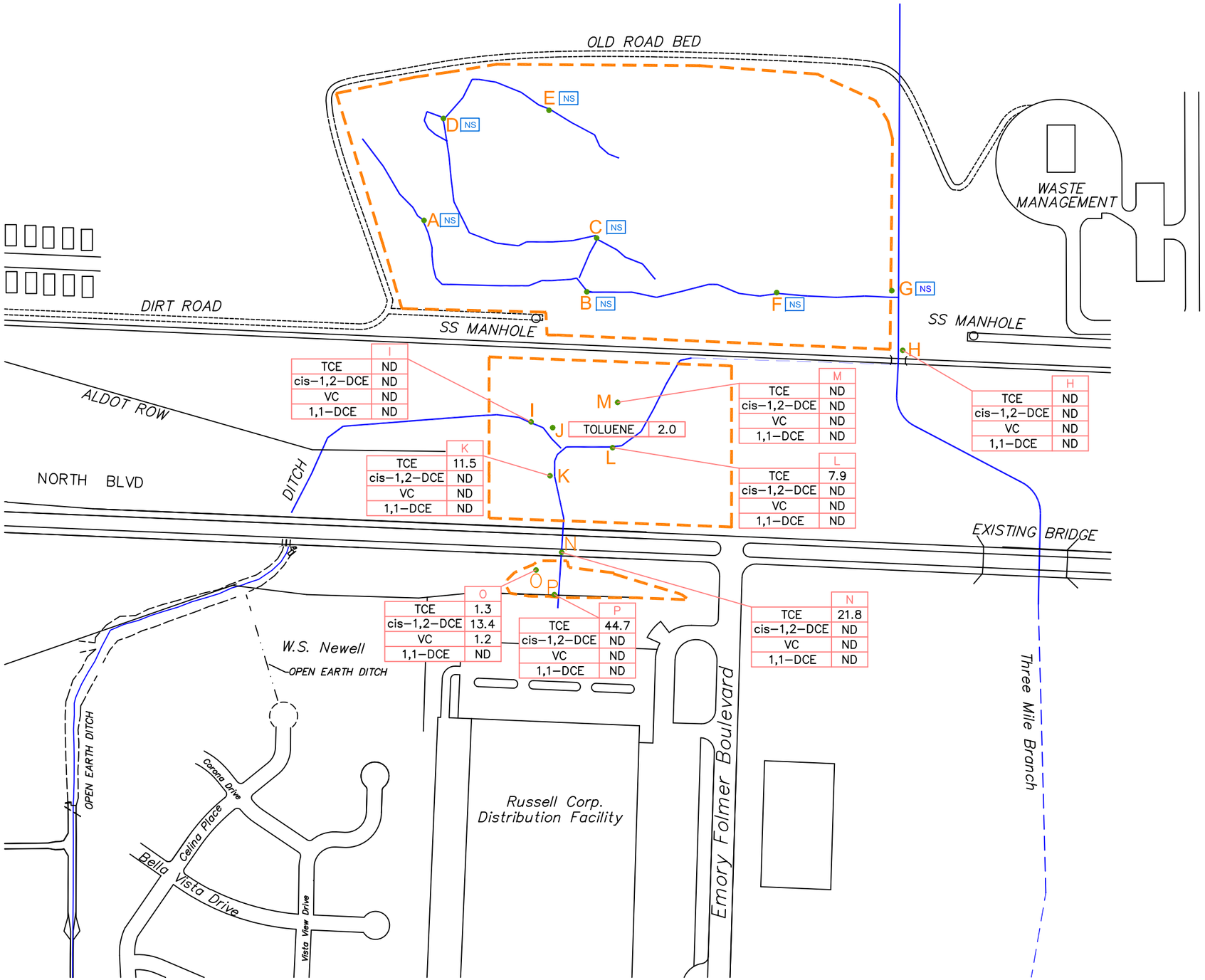
SOUTHERN EARTH SCIENCES, INC.

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 3 - SEDIMENT SAMPLES
COLLECTED FROM LOW LYING AREAS
JULY 2009 SAMPLING EVENT
SESI JOB # C-06-401

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

2) ONLY TRICHLOROETHENE, cis–1,2–DICHLOROETHENE, VINYL CHLORIDE, TOLUENE AND 1,1–DICHLOROETHENE ARE LISTED.



-400 -200 0 400

SCALE, IN FEET

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
1.3	TRICHLOROETHENE in ug/L (TCE)
13.4	cis–1,2–DICHLOROETHENE in ug/L (cis–1,2–DCE)
1.2	VINYL CHLORIDE in ug/L (VC)
ND	1,1–DICHLOROETHENE in ug/L (1,1–DCE)
ND	TOLUENE in ug/L

SOUTHERN EARTH SCIENCES, INC.

ALABAMA DEPARTMENT OF TRANSPORTATION
COLISEUM BOULEVARD PLUME INVESTIGATION

FIGURE 4 - SURFICIAL WATER SAMPLES COLLECTED FROM LOW LYING AREAS
JULY 2009 SAMPLING EVENT
SESI JOB # C-06-401

ANALYTICAL RESULTS

EnviroChem
Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

ANALYTICAL REPORT

Enclosed are the results of analyses for the samples listed below that were received by the laboratory on 07/02/09 12:15. If you have any questions concerning this report, please feel free to call EnviroChem at (251) 344-9106.

Sample Description	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
DRAFT: I *I*	09G0110-01	Soil	Grab	07/01/09 09:55	07/02/09 12:15
DRAFT: J *J*	09G0110-02	Soil	Grab	07/01/09 09:45	07/02/09 12:15
DRAFT: K *K*	09G0110-03	Soil	Grab	07/01/09 09:35	07/02/09 12:15
DRAFT: L *L*	09G0110-04	Soil	Grab	07/01/09 10:05	07/02/09 12:15
DRAFT: M *M*	09G0110-05	Soil	Grab	07/01/09 10:15	07/02/09 12:15
DRAFT: N *N*	09G0110-06	Soil	Grab	07/01/09 10:55	07/02/09 12:15
DRAFT: O *O*	09G0110-07	Soil	Grab	07/01/09 10:40	07/02/09 12:15
DRAFT: P *P*	09G0110-08	Soil	Grab	07/01/09 11:10	07/02/09 12:15

Reviewed by:_____

EnviroChem Environmental Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 09:55
Date Received: 07/02/09 12:15

DRAFT: I
I
09G0110-01 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 19:54	JNB	EPA 8260	5	ug/kg	< 5	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 09:45
Date Received: 07/02/09 12:15

DRAFT: J
J
09G0110-02 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 20:27	JNB	EPA 8260	5	ug/kg	< 5	

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Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 09:35
Date Received: 07/02/09 12:15

DRAFT: K
K
09G0110-03 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	11	ug/kg	< 11	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:01	JNB	EPA 8260	5	ug/kg	< 5	

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ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 10:05
Date Received: 07/02/09 12:15

DRAFT: L
L
09G0110-04 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 21:34	JNB	EPA 8260	5	ug/kg	< 5	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 10:15
Date Received: 07/02/09 12:15

DRAFT: M
M
09G0110-05 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:07	JNB	EPA 8260	5	ug/kg	< 5	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 10:55
Date Received: 07/02/09 12:15

DRAFT: N
N
09G0110-06 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 22:41	JNB	EPA 8260	5	ug/kg	< 5	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 10:40
Date Received: 07/02/09 12:15

DRAFT: O
O
09G0110-07 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	7	ug/kg	< 7	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	**9**	
Chloroform	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	14	ug/kg	< 14	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:14	JNB	EPA 8260	5	ug/kg	< 5	

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ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/20/09 11:31

Date Sampled: 07/01/09 11:10
Date Received: 07/02/09 12:15

DRAFT: P
P
09G0110-08 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G08029	07/07/09 12:14	07/07/09 23:48	JNB	EPA 8260	5	ug/kg	< 5	

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Soils
09G0110-1-8

SOUTHERN EARTH SCIENCES, Inc.

ANNUAL LOW-LYING AREA MONITORING

ENVIROCHEM Environmental Laboratories

-1
Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** I-Water I-Sediment
Sampling Method: Grab
Date/Time: 7/1/09 955 **Personnel:** HW/SK **GPS Lat/Lon:**
✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

-2
Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** J-Water J-Sediment
Sampling Method: Grab
Date/Time: 7/1/09 945 **Personnel:** HW/SK **GPS Lat/Lon:**
✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

-3
Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** K-Water K-Sediment
Sampling Method: Grab
Date/Time: 7/1/09 935 **Personnel:** HW/SK **GPS Lat/Lon:**
✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

-4
Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** L-Water L-Sediment
Sampling Method: Grab
Date/Time: 7/1/09 1005 **Personnel:** HW/SK **GPS Lat/Lon:**
✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

-5
Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Low Lying Area:** M-Water M-Sediment
Sampling Method: Grab
Date/Time: 7/1/09 1015 **Personnel:** HW/SK **GPS Lat/Lon:**
3-Volatile Vials (water) 2-Encores 1-4oz. (soil) Analysis: EPA 8260 (CBP)

RELINQUISHED BY: Kyle P. Hodge COMPANY: SESI	DATE: 7.1.09 TIME: 1700	SHIPPED VIA: Fed Ex DATE SHIPPED: 7.1.09
RECEIVED BY: M Brewer COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	DATE: 7-1-09 TIME: 1215	LAB NO: 09G0045-15

SOUTHERN EARTH SCIENCES, Inc.

ANNUAL LOW-LYING AREA MONITORING

ENVIROCHEM Environmental Laboratories

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

Sampling Method: Grab

-6 **Date/Time:** 7/1/09 1055 **Personnel:** HW/SIL **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil) Analysis: EPA 8260 (CBP)

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

Sampling Method: Grab

-7 **Date/Time:** 7/1/09 1040 **Personnel:** HW/SIL **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil) Analysis: EPA 8260 (CBP)

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

Sampling Method: Grab

-8 **Date/Time:** 7/1/09 1110 **Personnel:** HW/SIL **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil) Analysis: EPA 8260 (CBP)

RELINQUISHED BY: Kyle C. Hodge COMPANY: SESI	DATE: 7.1.09 TIME: 1700	SHIPPED VIA: Fed Ex DATE SHIPPED: 7.1.09
RECEIVED BY: JLBrewer COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	DATE: 7/2/09 TIME: 1215	LAB NO: 09G0045-6-8

ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 09:55
Date Received: 07/02/09 12:15

DRAFT: I
I
09G0045-01 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:02	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 09:45
Date Received: 07/02/09 12:15

DRAFT: J
J
09G0045-02 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	**2.0**	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:29	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 09:35
Date Received: 07/02/09 12:15

DRAFT: K
K
09G0045-03 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	**11.5**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 19:56	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 10:05
Date Received: 07/02/09 12:15

DRAFT: L
L
09G0045-04 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	**7.9**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:22	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 10:15
Date Received: 07/02/09 12:15

DRAFT: M
M
09G0045-05 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 20:49	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 10:55
Date Received: 07/02/09 12:15

DRAFT: N
N
09G0045-06 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	**21.8**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:15	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 10:40
Date Received: 07/02/09 12:15

DRAFT: O
O
09G0045-07 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	**1.2**	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	**13.4**	
Chloroform	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	**1.3**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 21:41	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 07/01/09 11:10
Date Received: 07/02/09 12:15

DRAFT: P
P
09G0045-08 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	**44.7**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:08	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 09:11
Date Received: 07/02/09 12:15

DRAFT: MP-1
MP-1
09G0046-01 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	**1.3**	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	**3.6**	
Chloroform	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	**60.2**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	**1.4**	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 22:34	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 09:41
Date Received: 07/02/09 12:15

DRAFT: MP-2
MP-2
09G0046-02 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	**3.8**	
Chloroform	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	**25.2**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:00	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 09:45
Date Received: 07/02/09 12:15

DRAFT: CP-1
CP-1
09G0046-03 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	**1.6**	
Chloroform	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	**11.9**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:26	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 10:00
Date Received: 07/02/09 12:15

DRAFT: CP-2
CP-2
09G0046-04 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	**2.9**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/02/09 23:52	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Southern Earth Sciences-Montgomery
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Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 10:20
Date Received: 07/02/09 12:15

DRAFT: CP-3
CP-3
09G0046-05 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	**2.1**	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:19	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 10:45
Date Received: 07/02/09 12:15

DRAFT: ZP-1
ZP-1
09G0046-06 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 00:45	JNB	EPA 8260	1.0	ug/L	< 1.0	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/10/09 16:20

Date Sampled: 06/30/09 10:35
Date Received: 07/02/09 12:15

DRAFT: ZD-1
ZD-1
09G0046-07 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
DRAFT: Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloropropane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	**5.5**	
trans-1,3-Dichloropropene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G03004	07/02/09 15:48	07/03/09 01:11	JNB	EPA 8260	1.0	ug/L	< 1.0	

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ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, Alabama 36609
Phone (251) 344-9106 Fax (251) 341-9492

Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/30/09 10:20

ANALYTICAL REPORT

Enclosed are the results of analyses for the samples listed below that were received by the laboratory on 07/22/09 13:10. If you have any questions concerning this report, please feel free to call EnviroChem at (251) 344-9106.

Sample Description	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
G *G*	09G0314-01	Soil	Grab	07/21/09 12:42	07/22/09 13:10
H *H*	09G0314-02	Soil	Grab	07/21/09 12:35	07/22/09 13:10
H *H*	09G0314-03	Surface Water	Grab	07/21/09 12:35	07/22/09 13:10

Reviewed by:_____

EnviroChem Environmental Laboratories

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Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/30/09 10:20

Date Sampled: 07/21/09 12:42
Date Received: 07/22/09 13:10

G
G
09G0314-01 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Vinyl chloride	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Chloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Trichlorofluoromethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,1-Dichloroethene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Methylene Chloride	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
trans-1,2-Dichloroethene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,1-Dichloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
cis-1,2-Dichloroethene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Chloroform	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,1,1-Trichloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Carbon Tetrachloride	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Benzene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,2-Dichloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Trichloroethylene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,2-Dichloropropane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Bromodichloromethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
cis-1,3-Dichloropropene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Toluene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
trans-1,3-Dichloropropene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,1,2-Trichloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Tetrachloroethylene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Dibromochloromethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Chlorobenzene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,1,1,2-Tetrachloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Ethylbenzene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
m,p-Xylene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	12	ug/kg	< 12	
o-Xylene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
Bromoform	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,1,2,2-Tetrachloroethane	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,3-Dichlorobenzene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,4-Dichlorobenzene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	
1,2-Dichlorobenzene	9G29013	07/28/09 18:05	07/29/09 02:31	JNB	EPA 8260	6	ug/kg	< 6	

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Southern Earth Sciences-Montgomery
Post Office Box 231238
Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/30/09 10:20

Date Sampled: 07/21/09 12:35
Date Received: 07/22/09 13:10

H
H
09G0314-02 (Soil)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Vinyl chloride	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Chloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Trichlorofluoromethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Methylene Chloride	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,2-Dichloroethene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,1-Dichloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,2-Dichloroethene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Chloroform	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1-Trichloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Carbon Tetrachloride	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Benzene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Trichloroethylene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichloropropane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Bromodichloromethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
cis-1,3-Dichloropropene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Toluene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
trans-1,3-Dichloropropene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2-Trichloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Tetrachloroethylene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Dibromochloromethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Chlorobenzene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,1,1,2-Tetrachloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Ethylbenzene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
m,p-Xylene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	10	ug/kg	< 10	
o-Xylene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
Bromoform	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,1,2,2-Tetrachloroethane	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,3-Dichlorobenzene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,4-Dichlorobenzene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	
1,2-Dichlorobenzene	9G29013	07/28/09 18:05	07/29/09 03:05	JNB	EPA 8260	5	ug/kg	< 5	

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Montgomery AL, 38123
Attention: Hal Wood

Project: ALDOT-Coliseum Blvd Plume
Project Number: 06-401

Reported:
07/30/09 10:20

Date Sampled: 07/21/09 12:35
Date Received: 07/22/09 13:10

H
H
09G0314-03 (Surface Water)

Sampled by: Hal Wood
Sample Type: Grab

Analyte	Batch	Prepared	Analyzed	Analyst	Method	Reporting Limit	Units	Result	Notes
Volatile Organic Compounds by EPA Method 8260									
Chloromethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Vinyl chloride	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichlorofluoromethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Methylene Chloride	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,2-Dichloroethene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1-Dichloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,2-Dichloroethene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chloroform	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1-Trichloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Carbon Tetrachloride	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Benzene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Trichloroethylene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichloropropane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromodichloromethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
cis-1,3-Dichloropropene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Toluene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
trans-1,3-Dichloropropene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2-Trichloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Tetrachloroethylene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Dibromochloromethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Chlorobenzene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,1,2-Tetrachloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Ethylbenzene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
m,p-Xylene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
o-Xylene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
Bromoform	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,1,2,2-Tetrachloroethane	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,3-Dichlorobenzene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,4-Dichlorobenzene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	
1,2-Dichlorobenzene	9G29018	07/28/09 22:32	07/29/09 02:03	JNB	EPA 8260	1.0	ug/L	< 1.0	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ENVIROCHEM
Environmental Laboratories

4320 Midmost Drive Mobile, AL 36609
Tel: 251/344-9106 Fax: 251/341-9492

Chain of Custody Record

Agreement to Perform Services

LAB NO: 09G0314

REQUESTED TAT:
(FEES FOR RUSH TAT MAY APPLY)

CLIENT: SESI
ADDRESS:
CITY/ST/ZIP:
CONTACT: H Wood
PHONE:
FAX:
EMAIL:

PROJECT: ALDOT CBP
PO#:
METHOD OF DELIVERY: ~~UPS~~ BUS AIRBORNE DROP OFF FED X ECI PICK-UP/SAMPLED USPS
SHIPPING TICKET NO.:
COMMENTS: Encore + 2oz for moisture content
SUB SHIPPED TO:
SUB SHIPPED VIA:
DATE SHIPPED:
*SPECIFY ANALYTE LIST AND/OR METHOD

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: PLASTIC NONE; PLASTIC H2SO4; P/G NaOH; P/G NONE; GLASS H2SO4; GLASS NONE; GLASS HCL; STERILE Na2S203; HNO3; MISC TEST/FIELD DATA

SHADED AREAS FOR LAB USE ONLY

LAB USE ONLY	FIELD ID	COMPOSITE	GRAB	MATRIX	COLLECTION DATE	COLLECTION TIME	BOD 5-DAY	ALKALINITY	CHLORIDE	pH	SS	SULFATE	TDS	TSS	TURBIDITY	O-PHOS	NITRATE	NITRITE	NO3+NO2	AMMONIA-N	COD	TOTAL PHOS	TKN	TOC	CN, AMENABLE	CN, TOTAL	HW S/CN	FLASHPOINT	PHENOLS*	TPH*	OIL & GREASE	SEMI-VOL*	PAH's	BETX	BETXM	BETXN	VOLATILES*	FECAL COLI	COLIFORM, MF	COLIFORM, PA	ENTERO	TCLP*	METALS*	ASBESTOS
	G		X	S	7/21/09	1242																															X							
	H		X	S	↓	1235																															X							
	~~G~~																																											
	H		X	SW	↓	1235																															X							

SAMPLER(S) SIGNATURE(S)/COMPANY: H Wood

ENTER QUANITITY AND TYPE OF CONTAINERS:

1. RELINQUISHED BY:	DATE	TIME	2. RELINQUISHED BY:	DATE	TIME	3. RELINQUISHED BY:	DATE	TIME
SIGNATURE: Kyle C. Hodge	7.21.09	1600	SIGNATURE:			SIGNATURE:		
COMPANY: SESI			COMPANY:			COMPANY:		

1. RECEIVED BY:	DATE	TIME	2. RECEIVED BY:	DATE	TIME	3. RECEIVED BY:	DATE	TIME
SIGNATURE: [illegible]	7/22/09	1310	SIGNATURE:			SIGNATURE:		
COMPANY:			COMPANY:			COMPANY:		

COOLER TEMP: 3-4C ICE PRESENT: Y N
AIR BUBBLES PRESENT IN VOA VIALS: Y N N/A
CUSTODY SEALS INTACT: Y N N/A
COOLER OPENED BY: DATE/TIME:

OF BROKEN CONTAINERS: 0 SAMPLE
HOLD TIMES EXCEEDED: Y N SAMPLE #/TEST
CORRECT CONT/PRES: Y N SAMPLE #/TEST
OF ID DISCREPENCIES: SAMPLE

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

EnviroChem Sample Receipt Form

Data/Sample Integrity Check

Work Order # 0960314 **Sample Custodian** MLB **Date** 7/22/09

1) Sample Condition

✓ All Samples received in good condition

✓ Inspected for damaged or compromised containers

✓ Shipping seals intact

✓ Container caps secure

✓ Inspected for Leakage, Cracked, or Broken Containers

✓ Inspected for evidence of gross contamination of container exteriors and/or shipping cooler interiors, and obvious odors, etc.

✓ Volatile samples checked for air bubbles (must be less than 5mm in diameter)

2) COC Verification

✓ Verified correlation between sample identifications on containers and COC

✓ Verified that the parameters requested are fully specified

✓ Verified that adequate sample volume is present to perform the requested analysis **(Notify the appropriate department manager or alternate if not enough sample is received)**

✓ Verified that the COC is properly completed

✓ Verified the COC is signed and dated by the person relinquishing the samples

3) Holding Time Verification

✓ Verified sampling dates for each test or parameter against the holding time for the test or parameter

___ **Rush Priority Samples or Short Holding Times (Refer to COC or Backlog)** Soil samples to be frozen w/in 48 hrs

(any parameter near expiration of its holding time must be brought to the attention of the appropriate department manager or alternate for expedited analysis. The department manager or alternate must be notified verbally and with this form—requires the Department Manager's or Alternate's Initials)

Department Manager Notified: _____ _____ _____

Name Date Time

4) Preservation Verification

✓ Verified that the samples were received within the required temperature range 8.4 oC

✓ Verified that the appropriate chemical preservation was used

___ Verified the pH range for chemically preserved samples Checked by analyst

5) Samples Accepted ✓ **(Samples meet the acceptance criteria)**

Samples Rejected ____ **(List any rejected samples along with the reason for the rejection)**

Note: Rejected samples must be documented in the Sample Rejection Log

6) Client Notified:___

7) Client Contacted:_____ **By:**_____ _____ _____

Date Time

8) Resample_____ **Proceed with Analysis**_____**(data will be qualified by dept manager)** **Analysis Cancelled**_____

FIELD NOTES

SOUTHERN EARTH SCIENCES, inc.

QUARTERLY SURFACE WATER MONITORING

ENVIROCHEM Environmental Laboratories

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** MP-1

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW / SK

Parameter	Time	Reading
pH, s.u.	911	7.12
Conductivity, umhos/cm	↓	266
Turbidity, ntu	↓	4.99
Temperature, C°	↓	24.48
ORP, mV	↓	258.4
DO, mg/L	↓	3.33

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** MP-2

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW / SK

Parameter	Time	Reading
pH, s.u.	~~944~~ 941	6.9
Conductivity, umhos/cm	↓	236
Turbidity, ntu	↓	4.62
Temperature, C°	↓	28.03
ORP, mV	↓	179.6
DO, mg/L	↓	3.18

RELINQUISHED BY: Kyle P. Hodges	DATE: 7.1.09	SHIPPED VIA: Fed Ex
COMPANY: SESI	TIME: 1700	DATE SHIPPED: 7.1.09
RECEIVED BY:	DATE:	LAB NO:
COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	TIME:	

SOUTHERN EARTH SCIENCES, Inc.

QUARTERLY SURFACE WATER MONITORING

ENVIROCHEM Environmental Laboratories

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** CP-1

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW/SK

Parameter	Time	Reading
pH, s.u.	945	6.96
Conductivity, umhos/cm	↓	212
Turbidity, ntu	↓	2.28
Temperature, C°	↓	23.95
ORP, mV	↓	175.2
DO, mg/L	↓	2.40

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** CP-2

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW/SK

Parameter	Time	Reading
pH, s.u.	1000	6.95
Conductivity, umhos/cm	↓	208
Turbidity, ntu	↓	4.65
Temperature, C°	↓	23.73
ORP, mV	↓	169.2
DO, mg/L	↓	2.61

RELINQUISHED BY: Kyle C. Hordge	DATE: 7.1.09	SHIPPED VIA: Fed Ex
COMPANY: SESI	TIME: 1700	DATE SHIPPED: 7.1.09
RECEIVED BY:	DATE:	LAB NO:
COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	TIME:	

SOUTHERN EARTH SCIENCES, Inc.

QUARTERLY SURFACE WATER MONITORING

ENVIROCHEM Environmental Laboratories

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** CP-3

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW/SK

Parameter	Time	Reading
pH, s.u.	1020	6.91
Conductivity, umhos/cm	↓	126
Turbidity, ntu		2.87
Temperature, C°		23.26
ORP, mV		173.6
DO, mg/L		2.71

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** ZP-1

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW/SK

Parameter	Time	Reading
pH, s.u.	1045	7.04
Conductivity, umhos/cm	↓	130
Turbidity, ntu		32.56
Temperature, C°		31.33
ORP, mV		114.4
DO, mg/L		1.62

RELINQUISHED BY: Kyle C. Hody	DATE: 7.1.09	SHIPPED VIA: Fed Ex
COMPANY: SESI	TIME: 1700	DATE SHIPPED: 7.1.09
RECEIVED BY:	DATE:	LAB NO:
COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	TIME:	

SOUTHERN EARTH SCIENCES, Inc.

QUARTERLY SURFACE WATER MONITORING

ENVIROCHEM Environmental Laboratories

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditch ID:** ZD-1

Sampling Method: Grab **Analysis:** EPA 8260 3 - 40 ml VOA/HCL

Date: 6/30/09 **Personnel:** HW/JK

Parameter	Time	Reading
pH, s.u.	1035	6.95
Conductivity, umhos/cm		223
Turbidity, ntu		14.85
Temperature, C°		26.88
ORP, mV		178.1
DO, mg/L		1.92

RELINQUISHED BY: Kyle C. Hody	DATE: 7.1.09	SHIPPED VIA: Fed Ex
COMPANY: SESI	TIME: 1700	DATE SHIPPED: 7.1.09
RECEIVED BY:	DATE:	LAB NO:
COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	TIME:	

SOUTHERN EARTH SCIENCES, Inc.

ANNUAL LOW-LYING AREA MONITORING

ENVIROCHEM Environmental Laboratories

I-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 955 **Personnel:** HW/SK **GPS Lat/Lon:**

✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

J-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 945 **Personnel:** HW/SK **GPS Lat/Lon:**

✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

K-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 935 **Personnel:** HW/SK **GPS Lat/Lon:**

✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

L-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 1005 **Personnel:** HW/SK **GPS Lat/Lon:**

✓ 3-Volatile Vials (water) ✓ 2-Encores ✓ 1-4oz. (soil) Analysis: EPA 8260 (CBP)

M-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 1015 **Personnel:** HW/SK **GPS Lat/Lon:**

3-Volatile Vials (water) 2-Encores 1-4oz. (soil) Analysis: EPA 8260 (CBP)

RELINQUISHED BY: Kyle P. Hodge	DATE: 7.1.09	SHIPPED VIA: Fed Ex
COMPANY: SESI	TIME: 1700	DATE SHIPPED: 7.1.09
RECEIVED BY:	DATE:	LAB NO:
COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	TIME:	

SOUTHERN EARTH SCIENCES, Inc.

ANNUAL LOW-LYING AREA MONITORING

ENVIROCHEM Environmental Laboratories

N-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 1055 **Personnel:** HW/SIL **GPS Lat/Lon:**

✓3-Volatile Vials (water) ✓2-Encores ✓1-4oz. (soil) Analysis: EPA 8260 (CBP)

O-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 1040 **Personnel:** HW/SIL **GPS Lat/Lon:**

✓3-Volatile Vials (water) ✓2-Encores ✓1-4oz. (soil) Analysis: EPA 8260 (CBP)

P-Water

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

Sampling Method: Grab

Date/Time: 7/1/09 1110 **Personnel:** HW/SIL **GPS Lat/Lon:**

✓3-Volatile Vials (water) ✓2-Encores ✓1-4oz. (soil) Analysis: EPA 8260 (CBP)

RELINQUISHED BY: Kyle C. Hodges	DATE: 7.1.09	SHIPPED VIA: Fed Ex
COMPANY: SESI	TIME: 1700	DATE SHIPPED: 7.1.09
RECEIVED BY:	DATE:	LAB NO:
COMPANY: ENVIROCHEM 4320 MIDMOST MOBILE AL 36609	TIME:	

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditc Location:** SW1

Sampling Method: Grab

Date: 7.06.09 **Personnel:** KH/WM

Parameter	Time	Reading
pH, s.u.	1230	7.12
Conductivity, umhos/cm		176
Turbidity, ntu		7.56
Temperature, C°		26.76
ORP, mV		145.5
DO, mg/L		1.52

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditc Location:** SW2

Sampling Method: Grab

Date: 7.06.09 **Personnel:** KH/WM

Parameter	Time	Reading
pH, s.u.	1200	7.12
Conductivity, umhos/cm		174
Turbidity, ntu		12.28
Temperature, C°		26.39
ORP, mV		150.6
DO, mg/L		1.22

Facility Name: ALDOT/Coliseum Blvd Plume **Job No:** 06-401 **Ditc Location:**

Sampling Method:

Date: **Personnel:**

Parameter	Time	Reading
pH, s.u.		
Conductivity, umhos/cm		
Turbidity, ntu		
Temperature, C°		
ORP, mV		
DO, mg/L		