



March Status Report

Coliseum Boulevard Plume Investigation

Summary of Activities From March 1 through March 31, 2001

- Compiled data from previous investigations including preparation of maps, cross-sections, boring logs, membrane interface probe (MIP) and soil conductivity logs, and in preparation of three reports (1) Conceptual Geology and Hydrogeology Based on Investigations through March 2001; (2) Membrane Interface Probe Investigation and (3) Soil Vapor Investigation.
- On March 7, 2001, ground-water elevations were measured in all monitoring wells and piezometers associated with the Coliseum Boulevard Plume Investigation. On March 23, 2001, ground-water elevations were measured in piezometers along the Kilby Ditch (Main and West Branch).
- Collected water samples from 13 locations along the ditch on March 30, 2001. Results of the analyses of the water samples from the ditch are summarized in Table 1. Locations of the samples are shown on Figure 1 and 2.
- Coordinated and scheduled field work to implement Section 2 in the Work Plan for Rapid Response, Interim Corrective Measures and Comprehensive Site Assessment.

TABLES

Table 1. Results of analyses of surface water samples collected from West Kilby ditch and Main Kilby ditch; Coliseum Boulevard Plume Investigation, Montgomery Alabama. [Locations of surface water sample sites are shown on Figures 1 and 2.]

	Site 1*	Site 2*	Site 3**	Site 4*
Concentrations are expressed in micrograms/liter				
July 24, 2000	(No storm events several days prior to sampling)			
Trichloroethylene	NS	15	10.2	NS
cis, 1,2-Dichloroethene	NS	2.5	2.8	NS
Toluene	NS	13.4	<1.0	NS
Chloroform	NS	3.2	<1.0	NS
August 2, 2000	(storm event during sampling)			
Trichloroethylene	<1.0	<1.0	<1.0	NS
August 11, 2000	(storm event prior evening - August 10, 2000)			
Trichloroethylene	<1.0	<1.0	2.1	<1.0
Toluene	<1.0	1.1	<1.0	<1.0
September 18, 2000				
Trichloroethylene	NS	<1.0	2.1	NS
Bromodichloromethane	NS	6.2	1.8	NS
Dibromochloromethane	NS	1.5	<1.0	NS
Chloroform	NS	41.6	10.3	NS
November 9, 2000	(storm event during sampling)			
Trichloroethylene	<1.0	<1.0	<1.0	<1.0
December 15, 2000				
Trichloroethylene	<1.0	<1.0	8.1	<1.0
Toluene	<1.0	2.5	<1.0	<1.0
January 31, 2001				
Trichloroethylene	<1.0	34.5	17.4	<1.0
Chloroform	<1.0	1.3	<1.0	<1.0
February 27, 2001				
Trichloroethylene	<1.0	100	21.1	<1.0
1,1 - Dichloroethene	<1.0	1.1	<1.0	<1.0
cis, 1,2-Dichloroethene	<1.0	1.5	1.4	<1.0
Chloroform	<1.0	1.2	<1.0	<1.0
* West Kilby ditch				
** Main Kilby ditch				

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Table 2--Continued

	Site 1*	Site 2*	Site 3**	Site 4*	Site 5*	Site 6**	Site 7**	Site 8**	Site 9**	Site 10**	Site 11**	Site 12	Site 13
Concentrations are expressed in micrograms/liter													
March 30, 2001													
Trichloroethylene	<1.0	156	68.0	<1.0	157	<1.0	<1.0	51.9	33.8	19.7	18.3	<1.0	3.4
1,1 - Dichloroethene	<1.0	2.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis, 1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
* West Kilby ditch													
** Main Kilby ditch													

FIGURES

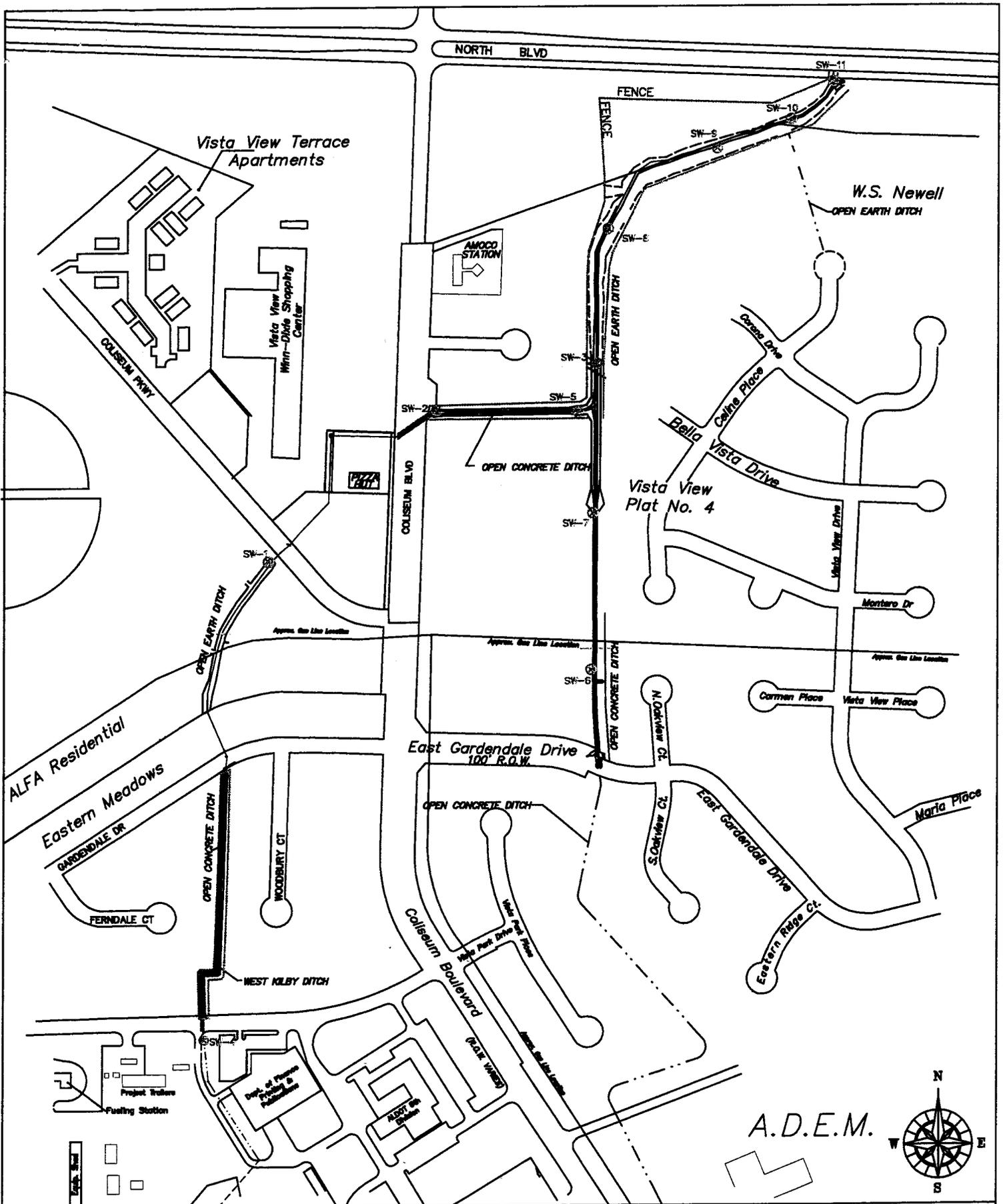


Figure 1. Locations of Surface Water Samples 1 thru 11; Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

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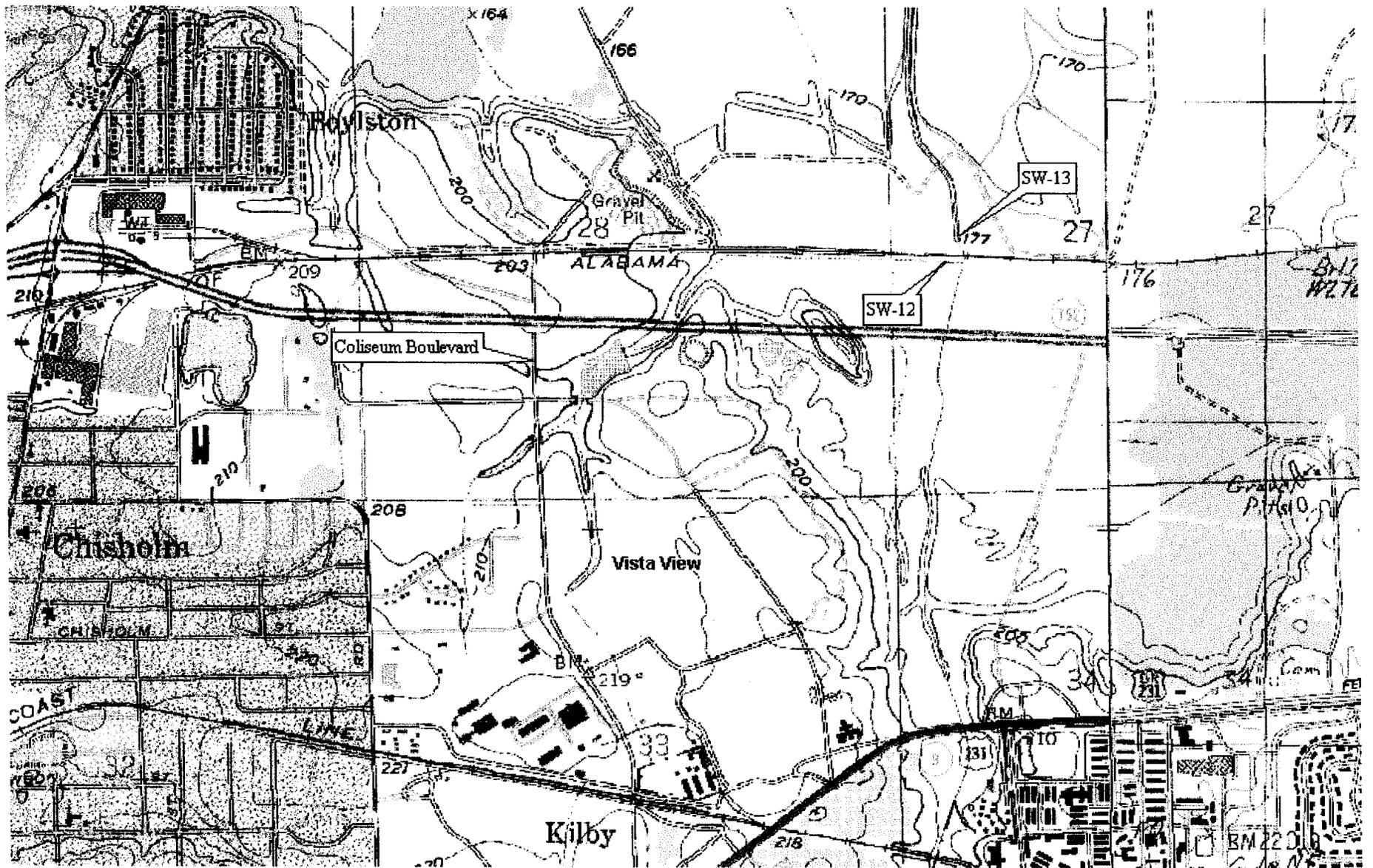
Note: Base map is a composite of an initial base map compiled by Goodwyn, Mills & Cawood Environmental Consultants, Inc. and a June 16, 2000 map by Larry E. Speaks & Associates. The June 16, 2000 map of Larry Speaks & Associates was compiled from maps provided by TTL, Inc. and the Montgomery, Alabama Tax Assessor's Office.

LEGEND:

SW-1 SURFACE WATER SAMPLE

SCALE (FEET)

0 100 200 300 400 500



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Figure 2. Locations of Surface Water Samples 12 and 13.
Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

Scale 1:24,000

