November 2005 through January 2006 STATUS REPORT

COLISEUM BOULEVARD PLUME INVESTIGATION

DEPARTMENT OF TRANSPORTATION

April 17, 2006

Submitted to:
The Alabama Department of Environmental Management
Montgomery, Alabama

November 2005 through January 2006 Status Report

Coliseum Boulevard Plume Investigation

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Tables continued…

Plate

Attachments

November 2005 through January 2006
Status Report

Summary

During the period between November 1, 2005, and January 31, 2006, investigations at the Coliseum Boulevard Plume (CBP) site continued.

- Routine monitoring of selected ground-water monitoring wells and continuous multi-channel tubing (CMT) wells, the Kilby Ditch and the "Low-Lying Area" were conducted in January 2006 in accordance with the approved plans and are summarized in Section I. This report contains results of samples collected through January 31, 2006.
- Additional site-wide investigations continued around the perimeter of the investigation area and included ground-water sampling at select locations as outlined in Addendum 14 – Additional Site-Wide Investigations. This work is described in Section II of this report.

Section III contains information about the investigation derived waste and treated water generated during this period.

Section IV contains a summary of quality assurance/quality control (QA/QC) samples collected during this period.

Section V contains a summary of monitoring well abandonment activities conducted on property owned by the ALDOT.

I. Routine Monitoring

Water Level Measurements

- January 3 through January 16, 2006: Depths to ground water were measured in piezometers, monitoring wells, CMT wells, and pump test wells associated with the Coliseum Boulevard Plume Investigation. Ground-water elevations on January 3 through January 16, 2006, are provided in Tables 1a through 1f. Ground-water elevations on January 3 through January 16, 2006, in the 100- and 200-series "shallow zone" monitoring wells and piezometers are shown on Figures 1 and 2, respectively.

  Depths to ground water were measured in continuous multi-channel tubing (CMT) wells 1 through 7 (see Table 2) on January 10 through January 11, 2006. The water levels were not measured in CMT 1-2, 3-7 and CMT 4-7 on January 10, 2006, because of an obstruction in the well ports that prevented the water level indicator cable from freely advancing through the ports.

Quarterly Sampling Event (Modification to Addendum 13 Work Plan)

- A quarterly event under the Modification to Addendum 13 – Ground Water Monitoring Plan (dated March 17, 2005) was conducted in January 2006. Ground-water samples were collected from 60 monitoring wells at the Coliseum Boulevard Plume site for analyses for VOCs.

- January 3 through January 24, 2006: During the quarterly event of the approved modified ground-water monitoring program, samples were collected from the following 60 wells located at the Coliseum Boulevard Plume (CBP) site. Ground-water samples were not collected from monitoring well MW-103 (on 1/6/06) due to the lack of sufficient water in the monitoring well.

MW-101	MW-216	MW-230	MW-237B	MW-145A	MW-250C
MW-201	MW-117	MW-131	MW-237C	MW-146A	MW-151A
MW-203	MW-217	MW-231	MW-138A	MW-246B	MW-251B
MW-106	MW-123	MW-132	MW-238B	MW-147A	MW-152A
MW-206	MW-223	MW-232	MW-238C	MW-247B	MW-252B
MW-107	MW-124	MW-133	MW-143A	MW-149A	MW-153
MW-207	MW-224	MW-233	MW-243B	MW-249B	MW-154
MW-108	MW-129	MW-134	MW-144A	MW-249C	MW-155
MW-208	MW-229	MW-234	MW-244B	MW-150A	MW-156
MW-116	MW-130	MW-137A	MW-244C	MW-250B	MW-341

These 60 monitoring wells were sampled and analyzed for VOCs by **TTL**'s laboratory using EPA Method 8260. The ground-water samples were measured in the field for ferrous iron and total iron using a CHEMetrics VVR photometer®. The concentrations of detected VOCs in ground-water samples collected from the monitoring wells are shown on Plate 1 and Figure 3.

Samples were also collected from monitoring wells MW-143A, MW-243B, MW-144A, MW-244B, MW-244C, MW-145A, MW-146A, MW-246B, MW-147A, MW-247B, MW-149A, MW-249B, MW-249C, MW-150A, MW-250B, MW-250C, MW-151A, MW-251B, MW-152A, MW-252B, MW-153, MW-154, MW-155 and MW-156 and analyzed for inorganics (total alkalinity, chloride, nitrate, nitrite, and sulfate) by **TTL**'s laboratory and for dissolved gases (methane, ethane and ethene) by STL in Burlington, Vermont. The results of the analyses of detected VOCs in the ground-water samples collected from the monitoring wells are provided in Table 3. The results of the analyses for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene in the ground-water samples collected from the approved monitoring wells under the Modification to Addendum 13 are provided in Table 4. Laboratory reports of the results of the analyses of the ground-water samples collected during the month of January 2006 are provided on the attached compact disc - recordable (CD-R).

Prior to sample collection, the monitoring wells were purged using a bladder pump until field parameters (pH, conductivity, and turbidity) stabilized. Temperature and redox (ORP) were also measured in the field. The field parameter measurements during purging of the monitoring wells in the month of January 2006 are provided on the Monitoring Well Sampling Forms on the attached CD-R.

- January 2006: Ground-water samples were collected from 9 monitoring wells (MW-106, MW-206, MW-107, MW-207, MW-223, MW-130, MW-230, MW-131, and MW-231) and analyzed for total organic carbon (TOC). The results of these analyses are provided in Table 5. Laboratory reports of the results of the analyses for TOC in the ground-water samples collected during the month of January 2006 are provided on the attached CD-R.

Quarterly Sampling of the Continuous Multi-Channel Tubing (CMT) Wells

- January 24 though January 27, 2006: Ground-water samples were collected from CMT wells 1, 2, 3 and 4. Ground-water samples were not collected from CMT 3-1 (on 1/25/06) and CMT 4-1 (on 1/26/06) due to the lack of sufficient water in the CMT ports. After measuring depths to water, each port was purged using a peristaltic pump until field parameters (pH, conductivity, and turbidity) stabilized. Ground-water samples also were measured in the field for temperature, oxidation-reduction potential [redox (ORP)], ferrous [Fe (II)] and total iron. Approximately 2 to 6 gallons of water were removed from each of the CMT ports prior to sample collection. During sample collection, the tubing

from the pump was disconnected and withdrawn from the port.

The water samples were collected by draining the water from the bottom end of the tubing (end previously inside the port) into the sample containers. The ground-water samples were analyzed for VOCs by **TTL**'s laboratory. Results of analyses of detected VOCs in the ground-water samples collected from the CMT wells are provided in Table 6. Samples for total iron analyses were collected from CMT 3-5 and CMT 4-4 on January 26 and from CMT 1-2 on January 27, 2006, for quality assurance/ quality control purposes. The results of the analyses for ferrous and total iron are provided in Table 7. Laboratory reports of these analyses and copies of Monitoring Well Sampling Forms are provided on the attached CD-R.

Surface Water Sampling

- January 27, 2006: Surface water samples were collected from the west and main branches of Kilby Ditch at five locations (compliance points CP-1, CP-2, CP-3, and monitoring points MP-1 and MP-2) and from the Zoo Ditch at one location (ZD-1). On January 27, 2006, the surface water samples were collected at each location from the central part of the ditch. Figure 4 shows the locations of these six sampling points. The water samples were placed on ice and transported to **TTL**'s laboratory for analyses for VOCs. Results of analyses of detected VOCs are provided in Table 8. The laboratory reports for the VOC analyses of the surface water samples collected on January 27, 2006, are provided on the attached CD-R. During sample collection, the water samples also were measured for temperature, pH, conductivity, dissolved oxygen, and turbidity (see Table 9).

  On January 27, 2006, compliance point water samples CP-1, CP-2, and CP-3 contained 21.1 µg/L (micrograms per liter), 4.7J µg/L, and 11.7J µg/L, respectively, of TCE. There also was detection of cis-1,2-dichloroethene (1.0J µg/L) in the surface water sample collected from CP-1 and chloroform (1.4J µg/L) in the surface water sample collected from CP-2 on January 27, 2006. The J-flag associated with the concentration means the concentration is below the practical quantitation level. TCE concentrations detected in the samples collected from CP-1, CP-2 and CP-3 on January 27, 2006, are below the action level concentration of 175 µg/L for TCE in surface water.

  Surface water samples collected from locations MP-1 and MP-2 contained TCE (30.1 µg/L and 28.7 µg/L, respectively) on January 27, 2006. There also was detection of cis-1,2-dichloroethene (2.8J µg/L and 1.5J, respectively) in the surface water samples collected from MP-1 and MP-2 on January 27, 2006. Chloroform also was detected in the surface water sample collected from MP-1 (4.0J µg/L) on January 27, 2006.

On January 27, 2006, the surface water sample collected from the Zoo Ditch sampling location ZD-1 contained 1.6J µg/L of chloroform. The presence of chloroform is likely the result of the discharge of municipal water into the Zoo Ditch. TCE was not detected in the sample collected from the Zoo Ditch.

Low – Lying Areas (Addendum 04 Work Plan)

- January 26, 2006: On January 26, 2006, soil/sediment and surface-water samples were collected from locations A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, and P in the "Low-Lying Areas". Results of the analyses for VOCs in the soil/sediment and surface water samples collected from these locations on January 26, 2006, are provided in Tables 10 and 11, respectively. Laboratory reports of these analyses are provided on the attached CD-R.

II. Additional Site-Wide Investigation

- November 7 through November 9, 2005: As a part of investigation activities approved under Addendum 14, submitted to the ADEM on February 13, 2004, four piezometers (PZ-22 through PZ-25) were installed northwest of the subject site (see Plate 1) beyond the boundaries of the TCE plume for the purpose of monitoring ground-water elevations for the Site-Wide Ground-water Model. Piezometer PZ-22 was installed on private property (near western terminus of Pebblebrook Drive). Piezometer PZ-23 was installed on City of Montgomery Property (near the Sheridan Heights Community Center). Piezometer PZ-24 was installed on Right-of-Way owned by Montgomery County (along Lower Wetumpka Road at Cook Avenue) and piezometer PZ-25 was installed on Right-of-Way owned by Montgomery County (along the Alabama River Parkway). The piezometers were installed using Roto-Sonic drilling methods and range in total depth from 9 to 24 feet below land surface. The construction characteristics of each piezometer are included in Table 12 and copies of the soil conductivity and boring logs for the piezometers are provided on the attached CD-R. Soil conductivity logs were not performed at piezometer locations PZ-24 and PZ-25.

- November 9 through November 16, 2005: On November 9 -16, 2005, slug and bail tests were performed at piezometers PZ-18 through PZ-24 following development of the piezometers. On November 16, 2005, slug and bail tests were attempted at PZ-25, however, due to the piezometer's shallow depth and water level, the tests could not be completed. Prior to all slug and bail tests, water levels in each piezometer were measured with a water level indicator. A Hermit 3000 data logger equipped with a transducer was used to record water level measurements during each test. The hydrogeologic characteristics determined during the slug and bail tests will be included in the forthcoming Corrective Measures Study.

- November 10 through December 17, 2005: Four shallow zone monitoring wells (MW-153, MW-154, MW-155 and MW-156) were installed in November and December 2005 in the southwest portion of the CBP project site. The locations of these new shallow zone wells are shown on Plate 1. The monitoring wells were installed using Roto-Sonic drilling methods and range in total depth from 78 to 114 feet below land surface. The construction characteristics of each monitoring well are included in Table 13 and copies of the soil conductivity and boring logs for the monitoring wells are provided on the attached CD-R. A soil conductivity log was not performed at the location of monitoring well MW-153.

  During November and December 2005, monitoring wells MW-153, MW-154, MW-155 and MW-156 were developed and preliminary ground–water samples were collected and analyzed for VOCs. During January 2006, samples were collected from monitoring wells MW-153, MW-154, MW-155 and MW-156 and analyzed for VOCs, total alkalinity, chloride, nitrate, nitrite, sulfate, methane, ethane, and ethene analyses. During January 2006, the ground-water samples also were measured in the field for ferrous iron and total iron using a CHEMetrics VVR photometer®. Results of analyses of detected VOCs in the ground-water samples collected from these four monitoring wells in November and December 2005 and January 2006 are provided on Table 3. The results of analyses for total alkalinity, chloride, nitrate, nitrite, sulfate, ferrous and total iron, methane, ethane, and ethene are provided on Table 4. Laboratory reports of these analyses and copies of the monitoring development and sampling forms are provided on the attached CD-R.

III. Investigation Derived Waste

Water Treatment

- January 25, 2006: Water accumulated during cleaning of sampling equipment, and purging and sampling of monitoring wells, was treated through a liquid-phase carbon filter treatment system at the ALDOT staging area. A total of 350 gallons of water was treated on January 25, 2006 (see Table 14). The treated water was discharged into the sanitary sewer at the staging area. During treatment of the water, samples were collected from water discharged from the first carbon filter to monitor for breakthrough and from the third carbon filter to monitor for compliance with the Montgomery Water Works and Sanitary Sewer Board discharge requirements. The water samples were submitted for VOC analyses. Results of analyses of detected VOCs and volumes of treated water are provided in Table 14. Laboratory reports of the analytical results for samples collected in January 2006 are on the attached CD-R.

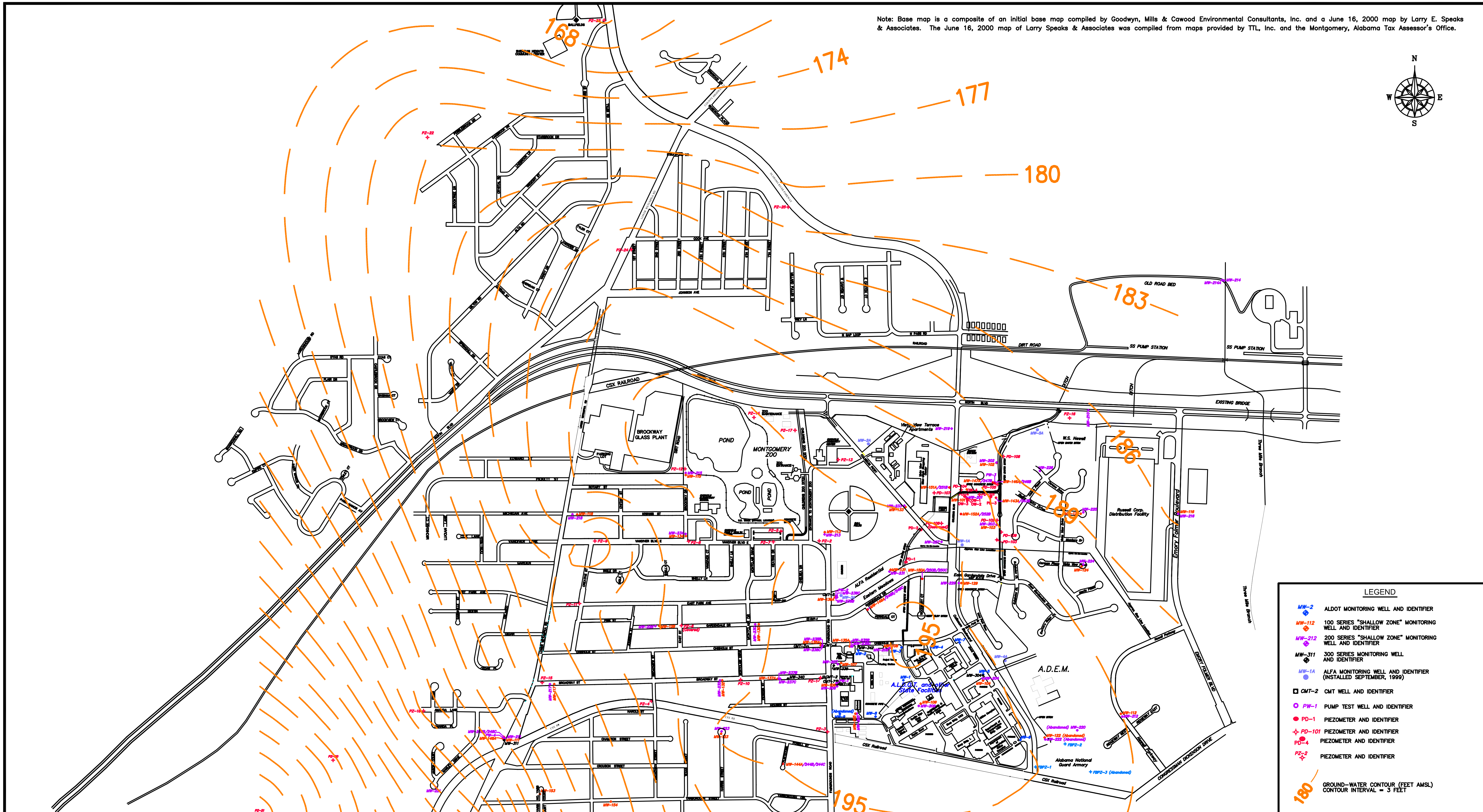
IV. Quality Assurance/Quality Control

- During the January 2006 quarterly ground-water sampling event, duplicate ground-water samples were collected from monitoring wells MW-108, MW-131, MW-143A, MW-243B, MW-150A, and CMT wells CMT 1-5, 2-1, 3-2 and 3-4, and analyzed for VOCs. The duplicate sample results are shown with the parent sample results (see Tables 3 and 6). Samples collected from monitoring wells MW-143A, MW-243B, MW-144A, MW-244B, MW-244C, MW-145A, MW-146A, MW-246B, MW-147A, MW-247B, MW-149A, 249B, MW-249C, MW-150A, MW-250B, MW-250C, MW-151A, MW-251B, MW-152A, MW-252B, MW-153, MW-154, MW-155 and MW-156 were analyzed for inorganics (alkalinity, chloride, nitrate, nitrite, and sulfate) by **TTL** and dissolved gases (methane, ethane, and ethene) by STL. Ground-water samples also were collected from monitoring wells MW-117, MW-203, MW-208, MW-238B, MW-249C and MW-152A and CMT wells CMT 1-2, CMT 3-5 and CMT 4-4 and shipped to **TTL**'s laboratory to be analyzed for total iron for quality assurance/quality control purposes (see Tables 4 and 7). Equipment rinse samples were collected and trip blank samples accompanied water samples that were submitted for analyses for VOCs in January 2006. Results of VOC analyses for the rinse and trip blank samples are provided in Table 15. Laboratory reports of the analyses are provided on the attached CD-R.

V. Monitoring Well Abandonment

- On December 12, 2005, the ALDOT requested that ground water monitoring well MW-9 associated with the Coliseum Boulevard Plume Investigation on property owned by the ALDOT at 3700 Fairground Road in Montgomery, Alabama, be abandoned to allow for new construction. The ALDOT contracted **TTL**, **Inc.** to abandon the monitoring well in accordance with ADEM Administrative Code R. 335-6-15-.29(8). On December 15, 2005, monitoring well MW-9, which was constructed to a depth of 56.5 feet BLS (below land surface), was abandoned. The monitoring well was over-drilled with a truck-mounted drill rig, using 4¼-inch I.D. (inside diameter) hollow-stem augers and a stinger bit. On December 15, 2005, the borehole of the monitoring well was filled to the surface with cement-bentonite grout. The location of the former monitoring well can be referenced on Plate 1.

FIGURES



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.
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CSX RAILROAD
BROCKWAY GLASS PLANT
POND
MONTGOMERY ZOO
A.D.E.M.
A.L.D.O.T. and other State Facilities
Russell Corp. Distribution Facility
Emory Folmar Boulevard
Three Mile Branch
OLD ROAD BED
SS PUMP STATION
DIRT ROAD
EXISTING BRIDGE
CSX Railroad
Alabama National Guard Armory
LEGEND
MW-2 ALDOT MONITORING WELL AND IDENTIFIER
MW-112 100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-212 200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
MW-311 300 SERIES MONITORING WELL AND IDENTIFIER
MW-1A ALFA MONITORING WELL AND IDENTIFIER (INSTALLED SEPTEMBER, 1999)
CMT-2 CMT WELL AND IDENTIFIER
PW-1 PUMP TEST WELL AND IDENTIFIER
PD-1 PIEZOMETER AND IDENTIFIER
PD-101 PIEZOMETER AND IDENTIFIER
PD-4 PIEZOMETER AND IDENTIFIER
PZ-2 PIEZOMETER AND IDENTIFIER
180 GROUND-WATER CONTOUR (FEET AMSL) CONTOUR INTERVAL = 3 FEET

TTL

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Ground-water elevations in 100-series monitoring wells, ALDOT and ALFA monitoring wells and piezometers on January 3-16, 2006; November 2005 through January 2006 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

SCALE: 1" = 1200'

TTL PROJECT NO.: 0700-024

FIGURE 1

DRAWING PATH: F:\2000\0700\024\2006 Drawings\060217- Jan06WL

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.

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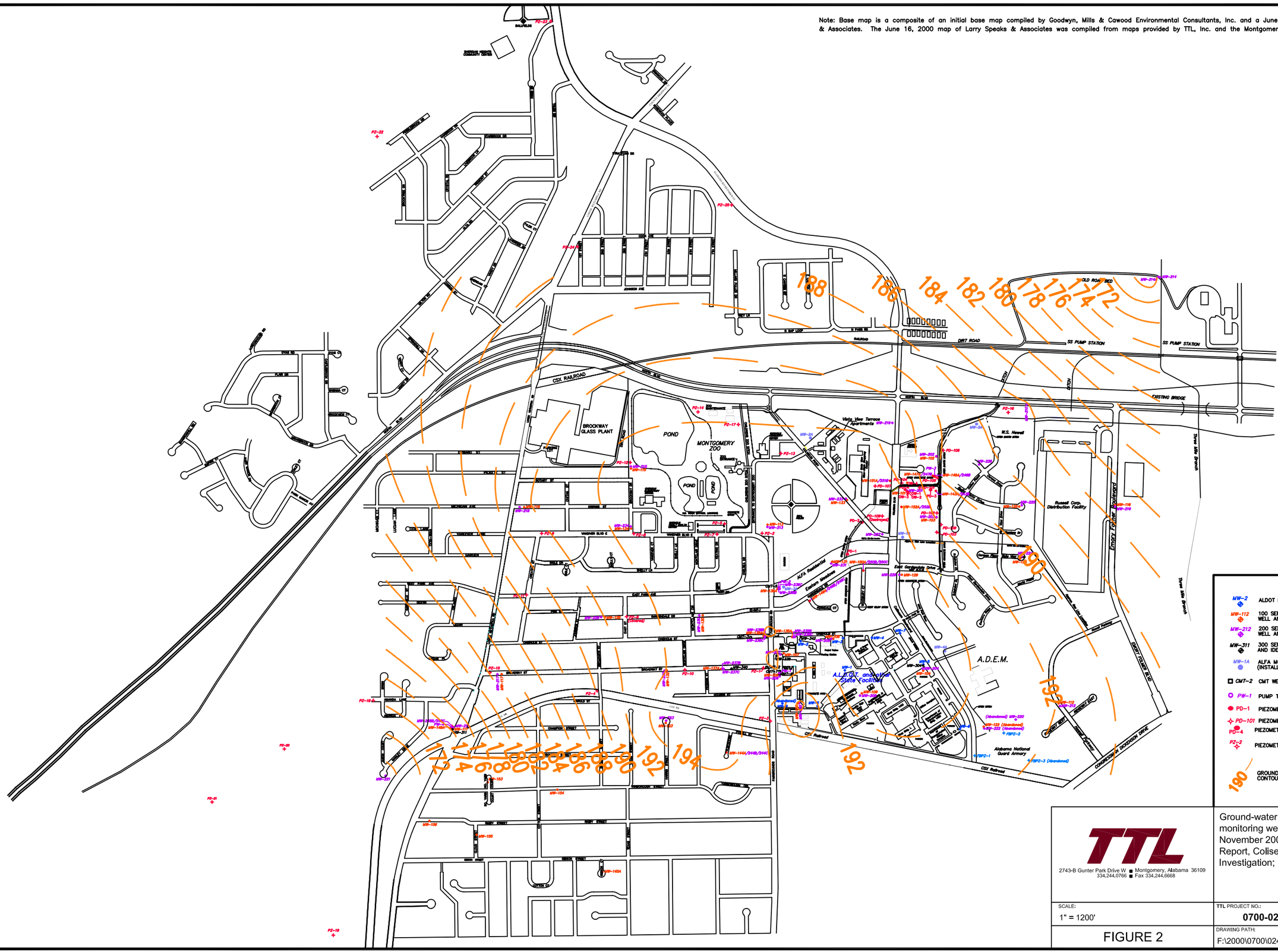

LEGEND

- MW-2 — ALDOT MONITORING WELL AND IDENTIFIER
- MW-112 — 100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
- MW-212 — 200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
- MW-311 — 300 SERIES MONITORING WELL AND IDENTIFIER
- MW-1A — ALFA MONITORING WELL AND IDENTIFIER (INSTALLED SEPTEMBER, 1999)
- CMT-2 — CMT WELL AND IDENTIFIER
- PW-1 — PUMP TEST WELL AND IDENTIFIER
- PD-1 — PIEZOMETER AND IDENTIFIER
- PD-101 — PIEZOMETER AND IDENTIFIER
- PD-4 — PIEZOMETER AND IDENTIFIER
- PZ-2 — PIEZOMETER AND IDENTIFIER
- 190 — GROUND-WATER CONTOUR (FEET AMSL) CONTOUR INTERVAL = 2 FEET

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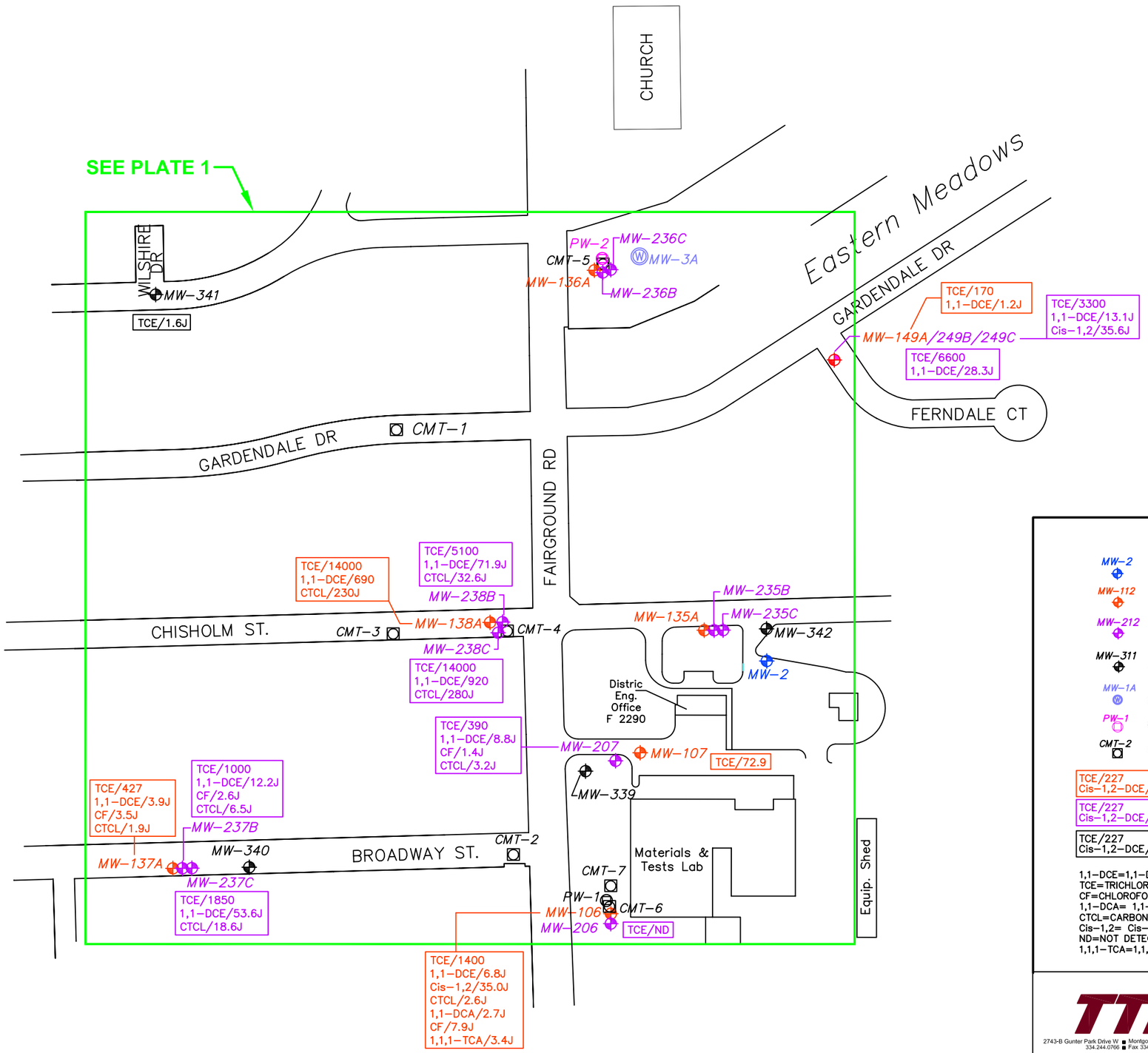
Ground-water elevations in 200-series monitoring wells on January 3-16, 2006; November 2005 through January 2006 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

SCALE: 1" = 1200'

TTL PROJECT NO.: 0700-024

FIGURE 2

DRAWING PATH: F:\2000\0700\024\2006 Drawings\060217.1- Jan06WL



LEGEND:

- MW-2 — ALDOT MONITORING WELL AND IDENTIFIER
- MW-112 — 100 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
- MW-212 — 200 SERIES "SHALLOW ZONE" MONITORING WELL AND IDENTIFIER
- MW-311 — 300 SERIES MONITORING WELL AND IDENTIFIER
- MW-1A — ALFA MONITORING WELL AND IDENTIFIER (INSTALLED SEPTEMBER, 1999)
- PW-1 — PUMP TEST WELL AND IDENTIFIER
- CMT-2 — CMT WELL AND IDENTIFIER
- TCE/227 Cis-1,2-DCE/6.5 — VOC CONCENTRATION IN MICROGRAMS PER LITER (100 SERIES)
- TCE/227 Cis-1,2-DCE/6.5 — VOC CONCENTRATION IN MICROGRAMS PER LITER (200 SERIES)
- TCE/227 Cis-1,2-DCE/6.5 — VOC CONCENTRATION IN MICROGRAMS PER LITER (300 SERIES)

1,1-DCE=1,1-DICHLOROETHENE
TCE=TRICHLOROETHYLENE
CF=CHLOROFORM
1,1-DCA= 1,1-DICHLOROETHANE
CTCL=CARBON TETRACHLORIDE
Cis-1,2= Cis-1,2-DICHLOROETHENE
ND=NOT DETECTED
1,1,1-TCA=1,1,1-TRICHLOROETHANE

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Concentrations of VOCs in ground-water samples from 100-, 200- and 300-series monitoring wells collected on January 3-24, 2005; November 2005 through January 2006 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

SCALE: 1" = 200'

TTL PROJECT NO.: 0700-024

FIGURE 3

DRAWING PATH: F:\2000\0700\024\2006 Drawings\060321.1

LEGEND

⊗ SURFACE WATER SAMPLE AND IDENTIFIER

CP–1 KILBY DITCH COMPLIANCE POINT

MP–2 KILBY DITCH MONITORING POINT

ZD–1 ZOO DITCH MONITORING POINT

N

RAILROAD

DIRT ROAD

SS PUMP STATION

NORTH BLVD

DITCH

DITCH

NORTH BLVD

ZOO MAINTENANCE

ZD–1

CP–3

Vista View Terrace Apartments

POND

MONTGOMERY ZOO

CHISHOLM COMMUNITY CENTER

CHILDRENS ZOO DITCH

AMOCO STATION

CP–2

W.S. Newell

OPEN EARTH DITCH

ZOO ENTRANCE

COLISEUM PKWY

Vista View Shopping Center

OPEN EARTH DITCH

CP–1

OPEN CONCRETE DITCH

MP–2

MP–1

Bella Vista Drive

Celine Place

Corona Drive

POND

POND

CHILDRENS ZOO DITCH

ENTRANCE TO MONTGOMERY ZOO

CHISHOLM ELEMENTARY SCHOOL

BROOKMAT DR

PIZZA HUT

COLISEUM BLVD

Russell Corp. Distribution Facility

Emory Folmer Boulevard

R.R. TRACK (APPROX. LOCATION)

CONCRETE DITCH

BALL FIELDS

CHISHOLM FAMILY HEALTH CENTER

VANDIVER BLVD E

Vista View Drive

Montero Dr

Approx. Gas Line Location

Approx. Gas Line Location

Approx. Gas Line Location

Carmen Place

Vista View Place

VANDIVER CT

SHELLY LN

MONTCLAIR DRIVE

KEATING DR

CHELSEA DR

CHURCH

OPEN EARTH DITCH

ALFA Residential

Eastern Meadows

East Gardendale Drive 100' R.O.W.

OPEN CONCRETE DITCH

N. Oakview Ct.

SHELLY LN

GARDENDALE DR

OPEN CONCRETE DITCH

WOODBURY CT

OPEN CONCRETE DITCH

S.Oakview Ct.

East Gardendale Drive

WILTSHIRE DR

EAST PARK AVE

FERNDALE CT

WEST KILBY DITCH

MONTCLAIR DR

Ridge Ct.

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Surface Water Location Points; November 2005 through January 2006 Status Report, Coliseum Boulevard Plume Investigation; Montgomery, Alabama.

SCALE: 1" = 1200'

TTL PROJECT NO.: 0700-024

FIGURE 4

DRAWING PATH: F:\2000\0700\024\2006 Drawings\SurfaceWater2005

OLD ROAD BED

DIRT ROAD

SS MANHOLE

SS MANHOLE

WASTE MANAGEMENT

ROW

DITCH

BLVD

EXISTING BRIDGE

W.S. Newell

OPEN EARTH DITCH

Corona Drive

Celina Place

Bella Vista Dr

Russell Corp. Distribution Facility

Montgomery Folmer Boulevard

Three Mile Branch

A TCE/ND

B TCE/ND

C TCE/ND

D TCE/ND

E TCE/ND/dup/ND

F TCE/ND

G TCE/ND

H TCE/ND

I TCE/ND

J TCE/ND

K TCE/ND

L TCE/ND

M TCE/ND

N TCE/ND

O TCE/ND
VCI/51.0J
Trans-1,2/6.2J
Cis-1,2/50.6J

P TCE/ND

LEGEND:

TCE/ND	TCE/concentration ug/kg Method Detection Limit (MDL)=3.0 micrograms per kilogram (ug/kg)
J	Estimated (concentration below the pratical quantitation level, rather than the calibration curve values)
ND	Not Detected
VCI	Vinyl Chloride
Trans-1,2	Trans-1,2-Dichloroethene

Boundary of Low Lying Area

M • Sample location and Identifier

Approximate locations of intermittent streams

ALDOT Coliseum Boulevard Plume Investigation

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Analytical results of sediment samples collected from Low-Lying Areas on January 26, 2006. Work Plan 04- Investigation of "Low-Lying Areas"; Coliseum Boulevard Plume; Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 060303

SCALE: 1" = 300'

Figure 5

OLD ROAD BED

E NS

D TCE/ND

TCE/ND A

C NS

B TCE/ND

F TCE/ND

G TCE/ND

H SS MANHOLE TCE/ND

WASTE MANAGEMENT

DIRT ROAD

SS MANHOLE

TCE/ND M

TCE/3.1J

J TCE/ND

L TCE/3.3J

TCE/6.6J K

DITCH

EXISTING BRIDGE

N

TCE/17.3J
VCl/1.8J
cis-1,2/16.3J

O

P

TCE/10.4J

TCE/20.2

W.S. Newell

OPEN EARTH DITCH

Corona Drive

Russell Corp.
Distribution Facility

Folmer Boulevard

Three Mile Branch

LEGEND:

TCE/ND — TCE/concentration ug/L
Method Detection Limit (MDL)=1.0 micrograms per liter (ug/L)

J	Estimated (concentration below the pratical quantitation level, rather than the calibration curve values)
ND	Not Detected
VCl	Vinyl Chloride
Cis-1,2	Cis-1,2-Dichloroethene

NS Not Sampled

Boundary of Low Lying Area

M • Sample location and Identifier

Approximate locations of intermittent streams

ALDOT Coliseum Boulevard Plume Investigation

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Analytical results of surficial water samples collected from Low-Lying Areas on January 26, 2006. Work plan 04- Investigation of "Low-Lying Areas"; Coliseum Boulevard Plume; Montgomery, Alabama.

TTL PROJECT NUMBER:0700-024

Drawing No. 060303.1

SCALE: 1" = 300'

Figure 6