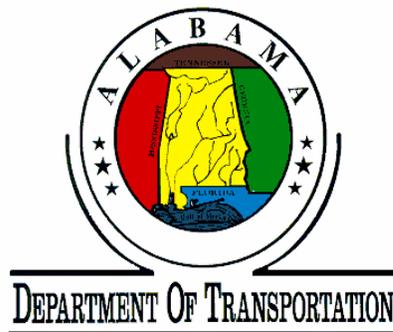


**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002
INVESTIGATION OF
“LOW-LYING AREAS”**

**Coliseum Boulevard
Plume Investigation**



July 12, 2002

Submitted to:

**The Alabama Department of Environmental Management
Montgomery, Alabama**



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002**
*INVESTIGATION OF
"LOW-LYING AREAS"
July 12, 2002*

TABLE OF CONTENTS

Introduction 1

Background 1

Sample Location Identifier 3

Description 3

Summary of Field Activities 3

Sample Collection 4

Evaluation of Data 5

Recommendation 6

Figures

Attachment



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
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**INVESTIGATION OF
"LOW-LYING AREAS"**
July 12, 2002

Introduction

The Alabama Department of Transportation (ALDOT) is currently investigating a trichloroethylene (TCE) release located in Montgomery, Alabama. This investigation is referred to as the Coliseum Boulevard Plume site (CBP). The ALDOT is performing this investigation in cooperation and under the direction of the Alabama Department of Environmental Management (ADEM). Due to the large area extent of the investigation (approximately 700 acres), and to address specific items identified to date, the investigation has been divided into four main groups: 1) the Kilby Ditch, 2) Low-lying Areas, 3) Probehole 12, and 4) Site-wide.

This report pertains to the May 2002 quarterly sampling activities in the low-lying areas (Figure 1). The low-lying areas were identified as areas of the CBP site where TCE might be present in the surface water or in the shallow soils. Surface water in the low-lying areas may be recharged from groundwater and from the surrounding watershed in this portion of the site. Also, the low-lying areas are located down stream from the Kilby Ditch which has had detected concentrations of TCE near Coliseum Boulevard.

Background

On September 17, 2001, the ADEM approved the ALDOT work plan for investigation of the "low-lying" areas as defined in Addendum 04 and shown in Figure 1. A field team consisting of a biologist and geologist reconnoitered the low-lying areas and identified and followed intermittent and perennial streams to determine the flow direction. Fluvial features such as low sections in dry channels, seeps, and depositional areas of streams were identified and noted for monitoring purposes. Information gathered from the reconnaissance was used to select locations for collecting soil and surface-water samples for volatile organic compounds (VOCs) analyses. Soil and surface water samples were collected in November 2001, and February 2002.

During the November 2001 sampling event, surface-water samples could not be collected at some locations (B, C, D, E, F, G, and O) due to an absence of water in some of the stream channels, therefore; only soil samples were collected at those locations. On January 7, 2002, the ALDOT submitted a request to the ADEM to sample the stream channels after they became recharged with water to allow for a complete surface-water



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002**
**INVESTIGATION OF
"LOW-LYING AREAS"**
July 12, 2002

sampling event at all 16 selected sample locations. The additional sampling event was performed at all 16 selected locations on February 13, and 14, 2002. The locations of the 16 sites are shown on Figure 2 and described in Table 1.

Results of the laboratory analyses data were compared to the ecological screening values developed by U.S. EPA, Regions III and IV. The U.S. EPA, Regions III; Biological Technical Assistance Group (BTAG); 1995 screening values are considered protective for sensitive organisms. EPA's Region IV Office of Technical Services (OTS) developed screening values for hazardous waste sites. In the EPA; Region IV; Ecological Risk Assessment Bulletins-Supplement RAGS (updated November 2001), the screening values represent a preliminary screening of site contaminant levels to determine the need to conduct further investigation at a site. The detected concentrations in the soil and surface water samples from the low-lying areas are significantly less than the values established in the screening values. Based on the November 2001 and February 2002, results, the detected concentrations of TCE in the surface water, and the detected concentrations of TCE in the soil samples do not pose an ecological risk.

Additionally toluene, benzene, and trichlorofluoromethane have been detected in soil samples and toluene has been detected in surface-water samples. Although these constituents are not included in the list of constituents of concern (COCs) related to the Coliseum Boulevard Plume, they were also compared to the ecological screening values to evaluate if these compounds posed an ecological risk in the low-lying areas. The reported concentrations of these compounds are significantly less than the ecological risk screening levels.

Based on the November 2001 and February 2002, results, the ALDOT recommended quarterly soil and surface-water sampling at locations I, J, K, L, M, N, O, and P for one year. The intent of the quarterly sampling is to determine if VOC concentrations fluctuate seasonally. Results from the first quarterly sampling event, May 2002, are presented herein.



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002**
*INVESTIGATION OF
"LOW-LYING AREAS"
July 12, 2002*

Sample Locations

The original 16 sample locations identified in the low-lying areas are shown on Figure 2 and described in Table 1. For the May 22, 2002 quarterly sampling event, samples were collected from sample locations I, J, K, L, M, N, O, and P as agreed to between the ALDOT and ADEM.

TABLE 1. Soil and Surface Water Sample Locations; Coliseum Boulevard Investigation Site, Montgomery, Montgomery County, Alabama.	
Sample Location Identifier	Description
A	Seep
B	Low point of a multi-branching channel. Water flows in, pools until it overflows into other channels.
C	Low point of an interconnecting channel between two intermittent streams.
D	Low point of cross-branching channels.
E	Low point of a channel (ground water at surface).
F	Same as B except only one channel flows out.
G	End of intermittent stream, discharges into 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 field
N	Culvert (water outflow)
O	Low point at bottom of hill
P	Culvert (water inflow)

Summary of Field Activities

During the November 2001 sampling event the low-lying areas displayed typical conditions of a dry autumn. The vegetation of trees and herbaceous plants were declining in vigor and there was little or no surface-water present in some of the stream channels. Therefore, during the November 2001 sampling event, surface-water samples



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002**
**INVESTIGATION OF
"LOW-LYING AREAS"
July 12, 2002**

could not be collected at some locations due to an absence of water in some of the stream channels.

In February 2002 the deciduous (not evergreen) trees had mostly lost all of their vegetation and the herbaceous plants had mostly been cut back by freezing temperatures. The winter rains had produced ample surface-water in the streams to collect water samples at all locations.

Vegetation was growing vigorously and abundant during the May 2002 sampling event. Surface-water was present at most locations. There were two sampling locations (M and O) where surface water was not present; therefore, these samples were not collected. At both of these locations the soils were saturated with water. The first quarterly sampling event was performed on May 22, 2002.

Sample Collection

A hand auger was used to collect the soil samples from all proposed sampling locations during the May 2002 sampling event.

Sampling equipment was cleaned and decontaminated in the following order:

- Particulate matter and surface film were removed by scrubbing the equipment with a brush using tap water and a phosphate-free soap solution.
- Tap water rinse
- Deionized water rinse
- Isopropyl alcohol rinse
- Deionized water rinse
- All fluids generated during decontamination were collected in 5 gallon plastic buckets and transported to the Central Staging Area, located at the ALDOT facility, for treatment and disposal.

Soil samples were collected from the hand auger using a 5-gram EnCore sampler. All soil samples were collected immediately above the first stiff silt or clay layer or if a layer had excessive organic content. Soil samples were collected at a depth between 5 and 11-inches BLS (below land surface) at all sampling locations during the May 2002 sampling event.



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002**
**INVESTIGATION OF
"LOW-LYING AREAS"**
July 12, 2002

Six water samples were collected during the May 2002 sampling event (locations I, J, K, L, N, and P). Water samples were not collected at the other two locations (M and O) as stated earlier. However, it should be noted that at both locations the soil was saturated with water. Duplicate samples were collected at 10 percent of the total number of sample sites. An equipment rinseate was collected for each day of sampling and a trip blank was placed in the cooler.

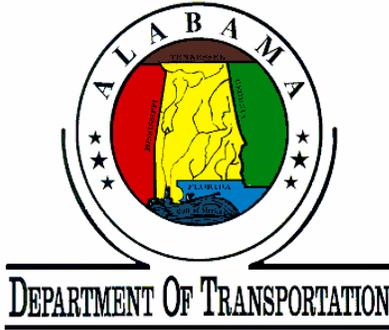
Each surface-water sample was collected by slowly lowering an upright VOC glass vial with hydrochloric acid preservative into the water. The cap of the VOC vial was used to add water to form a meniscus before sealing the vial with a Teflon-lined cap.

Soil and surface-water samples were immediately placed on ice, in a cooler, and shipped to **TTL's** laboratory located in Tuscaloosa, AL for VOC analyses under strict chain-of-custody. The samples were analyzed for VOC's using Method 8260 as outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846, 3rd Edition, November 1986.

Evaluation of Data

The analytical results for samples collected on November 15 and 16, 2001, February 13 and 14, 2002, and May 22, 2002 are presented in Tables 2a and 2b and in Figures 3a and 3b. Estimated TCE concentrations (i.e., the calculated concentration below the calibration curve, but above the method detection level) were reported in the surface water at sample locations I, J, K, L, and N. Previous results at these locations were also estimated values. A surface water TCE concentration of 22.4 ppb was reported at sample location P. All other compounds analyzed in the surface water during this sampling event were reported as not detected. Methylene Chloride was reported in one rinseate sample; however, this compound is a common laboratory contaminate and was not detected in any of the surface water samples.

TCE, toluene, trichlorofluoromethane, M, P-Xylenes, and methylene chloride were detected in the soil samples. Again methylene chloride is a common laboratory compound and is not believed to be present in the water and soil samples. However,



**SUMMARY REPORT FOR
QUARTERLY SAMPLING RESULTS
FOR MAY 22, 2002**
**INVESTIGATION OF
"LOW-LYING AREAS"**
July 12, 2002

only two soil sample (samples collected at locations I and P) had estimated concentrations of TCE. Estimated concentrations of toluene and/or xylenes were detected in five (locations I, J, K, M, and O) of the eight soil samples analyzed but these constituents are not attributed to the Coliseum Boulevard Plume. Laboratory reports are included in Attachment A. Additionally, a comparison of ecological screening values with the maximum detected concentration to date is presented in Table 3.

Recommendation

The ALDOT recommends continuing quarterly sampling of the soil and surface-water at sampling locations I, J, K, L, M, N, O, and P for three additional quarters. The next sampling event will be conducted in August 2002 with the following events being in November 2002 and March 2003. One year of monitoring will be completed with the March 2003 sampling event. After the last monitoring event the ALDOT will determine if an ecological risk assessment should be performed in the low-lying areas.

Table 2a. Concentrations of volatile organic compounds (VOCs) in samples of surface water; Quarterly "Low-Lying Areas" Investigation; May 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in soils and ground water are shown on Figure 2.1]

Sample Location Identifier	Sample Date	Aqueous Lab Results		
		Trichloroethylene	Toluene	Methylene Chloride ²
		[Concentrations are in micrograms per liter (µg/l)]		
		1.0 µg/l ³	1.0 µg/l ³	1.0 µg/l ³
A	11/15/2001	ND ⁴	ND	ND
A	2/13/2002	ND	ND	ND
A	5/22/2002	NC ⁵	NC	NC
B	11/15/2001	NC	NC	NC
B	2/13/2002	ND	ND	ND
B - duplicate ⁶	2/13/2002	ND	ND	ND
B	5/22/2002	NC	NC	NC
C	11/15/2001	NC	NC	NC
C	2/13/2002	ND	ND	ND
C	5/22/2002	NC	NC	NC
D	11/15/2001	NC	NC	NC
D-duplicate	11/15/2001	NC	NC	NC
D	2/13/2002	ND	ND	ND
D	5/22/2002	NC	NC	NC
E	11/15/2001	NC	NC	NC
E	2/13/2002	ND	ND	ND
E	5/22/2002	NC	NC	NC
F	11/15/2001	NC	NC	NC
F	2/13/2002	ND	1.1J ⁷	ND
F	5/22/2002	NC	NC	NC
G	11/15/2001	NC	NC	NC
G	2/13/2002	ND	ND	ND
G	5/22/2002	NC	NC	NC
H	11/15/2001	ND	ND	ND
H	2/13/2002	ND	ND	ND
H	5/22/2002	NC	NC	NC
I	11/16/2001	4.6J	ND	ND
I	2/14/2002	5.0J	ND	ND
I	5/22/2002	2.3J	ND	ND
J	11/16/2001	2.8J	ND	ND
J	2/14/2002	3.9J	ND	ND
J	5/22/2002	1.9J	ND	ND
K	11/16/2001	4.9J	ND	ND
K-duplicate	11/16/2001	4.9J	ND	ND
K	2/14/2002	16.4J	ND	ND
K-duplicate	2/14/2003	16.2J	ND	ND
K	5/22/2002	5.5J	ND	ND
L	11/16/2001	2.9J	ND	ND
L	2/14/2002	7.9J	ND	ND
L	5/22/2002	2.7J	ND	ND
L-duplicate	5/22/2002	2.6J	ND	ND
M	11/16/2001	ND	ND	ND
M	2/14/2002	ND	ND	ND
M	5/22/2002	NC	NC	NC
N	11/15/2001	7.0J	ND	ND
N	2/13/2002	16.8J	ND	ND
N	5/22/2002	7.6J	ND	ND
O	11/15/2001	NC	NC	NC
O	2/13/2002	ND	ND	ND
O	5/22/2002	NC	NC	NC
P	11/15/2001	16.8J	ND	ND
P	2/13/2002	41.2	ND	ND
P	5/22/2002	22.4	ND	ND
Rinsate	11/15/2001	ND	ND	ND
Blank	11/15/2001	ND	ND	ND
Rinsate	2/13/2002	ND	ND	ND
Blank	2/13/2002	ND	ND	ND
Rinsate	5/22/2002	ND	ND	5.1J
Blank	5/22/2002	ND	ND	ND
Rinsate 2	11/16/2001	ND	ND	ND
Blank	11/16/2001	ND	ND	ND
Rinsate 2	2/14/2002	ND	ND	ND
Blank	2/14/2002	ND	ND	ND

Notes:

- ¹ The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical I
- ² Methylene Chloride detected in aqueous and soil samples is considered to have been present in the laboratory during analysis of the samples.
- ³ Method Detection Limit of 1.0 micrograms per liter for the aqueous laboratory analyses
- ⁴ ND = Not Detected
- ⁵ NC = Not Collected, aqueous samples were not collected because either surface water was not present or the sampling location was not scheduled to be sampled. Quarterly sampling was initiated after the February 2002 sampling event and the only sample locations to be sampled are I through P.
- ⁶ Duplicate samples were collected for quality assurance/quality control purposes.
- ⁷ J = Concentration below the calibration curve, but above the detection limit

Table 2b. Concentrations of volatile organic compounds¹ (VOCs) in samples of soil; Quarterly "Low-Lying Areas" Investigation; May 2002 Status Report; Coliseum Blvd. Plume Investigation; Montgomery, Alabama. [Distributions of VOCs in so

		Soil Lab Results							
Sample Location Identifier	Sample Date	Approximate Sample Depth (inches)	Trichloroethylene	Trichlorofluoromethane	Benzene	Toluene	M,P-Xylenes	Methylene Chloride ²	
			[Concentrations are in micrograms per kilogram (µg/kg)]						
			3.0 µg/kg ³	3.0 µg/kg ³	3.0 µg/kg ³	3.0 µg/kg ³	3.0 µg/kg ³	3.0 µg/kg ³	
A	11/15/2001	6	ND ⁴	ND	ND	ND	ND	4.3J ⁵	
A	2/13/2002	12	ND	6.3	ND	ND	ND	ND	
A	5/22/2002	-	NC ⁶	NC	NC	NC	NC	NC	
B	11/15/2001	5	ND	ND	ND	ND	ND	3.6J	
B	2/13/2002	10	ND	ND	ND	ND	ND	ND	
B - duplicate ⁷	2/13/2002	10	ND	ND	ND	ND	ND	ND	
B	5/22/2002	-	NC	NC	NC	NC	NC	NC	
C	11/15/2001	8	ND	ND	ND	ND	ND	5.7J	
C	2/13/2002	8	NR ⁸	NR	NR	NR	NR	NR	
C	5/22/2002	-	NC	NC	NC	NC	NC	NC	
D	11/15/2001	8	ND	ND	ND	3.3J	ND	ND	
D-duplicate	11/15/2001	8	ND	ND	ND	12.4J	ND	ND	
D	2/13/2002	8	ND	ND	5.0	ND	ND	ND	
D	5/22/2002	-	NC	NC	NC	NC	NC	NC	
E	11/15/2001	4	ND	ND	ND	25.5J	ND	3.9J	
E	2/13/2002	7	ND	ND	ND	9.5	ND	ND	
E	5/22/2002	-	NC	NC	NC	NC	NC	NC	
F	11/15/2001	6	ND	ND	ND	8.8J	ND	10.6J	
F	2/13/2002	11	ND	ND	ND	ND	ND	ND	
F	5/22/2002	-	NC	NC	NC	NC	NC	NC	
G	11/15/2001	10	ND	ND	ND	ND	ND	ND	
G	2/13/2002	7	ND	14.4	ND	ND	ND	ND	
G	5/22/2002	-	NC	NC	NC	NC	NC	NC	
H	11/15/2001	6	ND	ND	ND	ND	ND	ND	
H	2/13/2002	4	ND	ND	ND	ND	ND	ND	
H	5/22/2002	-	NC	NC	NC	NC	NC	NC	
I	11/16/2001	3	ND	ND	ND	ND	ND	ND	
I	2/14/2002	5	12.1	ND	ND	ND	ND	ND	
I	5/22/2002	5	6.8J	ND	ND	4.7J	1.9J	4.2J	
J	11/16/2001	8	ND	ND	ND	ND	ND	ND	
J	2/14/2002	5	ND	ND	ND	ND	ND	ND	
J	5/22/2002	8	ND	ND	ND	4.1J	ND	7.5J	
K	11/16/2001	8	ND	ND	ND	ND	ND	3.1J	
K-duplicate	11/16/2001	8	ND	ND	ND	ND	ND	ND	
K	2/14/2002	11	ND	ND	ND	ND	ND	ND	
K-duplicate	2/14/2002	11	ND	ND	ND	ND	ND	ND	
K	5/22/2002	12	ND	ND	ND	6.0J	ND	3.2J	
L	11/16/2001	10	3.9J	ND	ND	ND	ND	3.1J	
L	2/14/2002	8	ND	ND	ND	ND	ND	ND	
L	5/22/2002	10	ND	ND	ND	ND	ND	4.8J	
L-duplicate	5/22/2002	10	ND	ND	ND	ND	ND	4.8J	
M	11/16/2001	10	ND	ND	ND	ND	ND	4.8J	
M	2/14/2002	10	ND	ND	ND	ND	ND	ND	
M	5/22/2002	8	ND	ND	ND	3.0J	ND	3.3J	
N	11/15/2001	3	50.6J	ND	ND	16.4J	ND	6.6J	
N	2/13/2002	9	ND	ND	ND	ND	ND	ND	
N	5/22/2002	10	ND	ND	ND	ND	ND	3.3J	
O	11/15/2001	3	ND	ND	ND	3.3J	ND	3.1J	
O	2/13/2002	8	ND	ND	ND	ND	ND	ND	
O	5/22/2002	8	ND	5.7J	ND	4.0J	ND	4.8J	
P	11/15/2001	2	ND	7.1J	ND	ND	ND	ND	
P	2/13/2002	9	10.6	ND	ND	ND	ND	ND	
P	5/22/2002	11	7.0J	ND	ND	ND	ND	6.7J	
Rinsate	11/15/2001	NA ⁹	NA	NA	NA	NA	NA	NA	
Blank	11/15/2001	NA	NA	NA	NA	NA	NA	NA	
Rinsate	2/13/2002	NA	NA	NA	NA	NA	NA	NA	
Blank	2/13/2002	NA	NA	NA	NA	NA	NA	NA	
Rinsate	5/22/2002	NA	NA	NA	NA	NA	NA	NA	
Blank	5/22/2002	NA	NA	NA	NA	NA	NA	NA	
Rinsate 2	11/16/2001	NA	NA	NA	NA	NA	NA	NA	
Blank	11/16/2001	NA	NA	NA	NA	NA	NA	NA	
Rinsate 2	2/14/2002	NA	NA	NA	NA	NA	NA	NA	
Blank	2/14/2002	NA	NA	NA	NA	NA	NA	NA	

Notes:

¹ The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods, EPA, SW-846.

² Methylene Chloride detected in aqueous and soil samples 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 for the soil laboratory analyses

⁴ ND = Not Detected

⁵ J = Concentration below the calibration curve, but above the detection limit

⁶ NC = Not Collected, Quarterly sampling was initiated after the February 2002 sampling event and the only sample locations to be sampled are I through P.

⁷ Duplicate samples were collected for quality assurance/quality control purposes.

⁸ NR = Not Reported, analytical results were not reported by STL laboratories because the soil sample appeared to have something in the matrix which caused the sample not

⁹ NA = Not analyzed

Table 3. Preliminary ecological screening evaluation of volatile organic compounds¹ (VOCs) in soils and surface water; "Low-Lying Areas" Investigation: Colisum Blvd. Plume Site: Montgomery, Alabama.

Soil	Maximum Concentration (µg/kg)²	Depth of Sample (inches)	Screening Level (ppb)³	Exceeds Screening Level
Trichloroethylene	50.6	3	300	No ⁴
Toluene	25.5	4	100	No ⁴
Benzene	5.0	8	5,300	No ⁴
Trichlorofluoromethane	14.4	7	11,600	No ⁴
Methylene Chloride	NA	NA	NA	NA
Aqueous	(µg/L)⁶			
Trichloroethylene	41.2	NA	21,900	No ⁴
Toluene	1.1	NA	175	No ⁵

¹ The sample was analyzed in accordance with Method 8260 outlined in Test Methods for Evaluating Solid Waste Physical/Chemical Methods. EPA, SW-846

² MDL = Method Detection Limit 3.0 micrograms per kilogram for the soil laboratory analyses

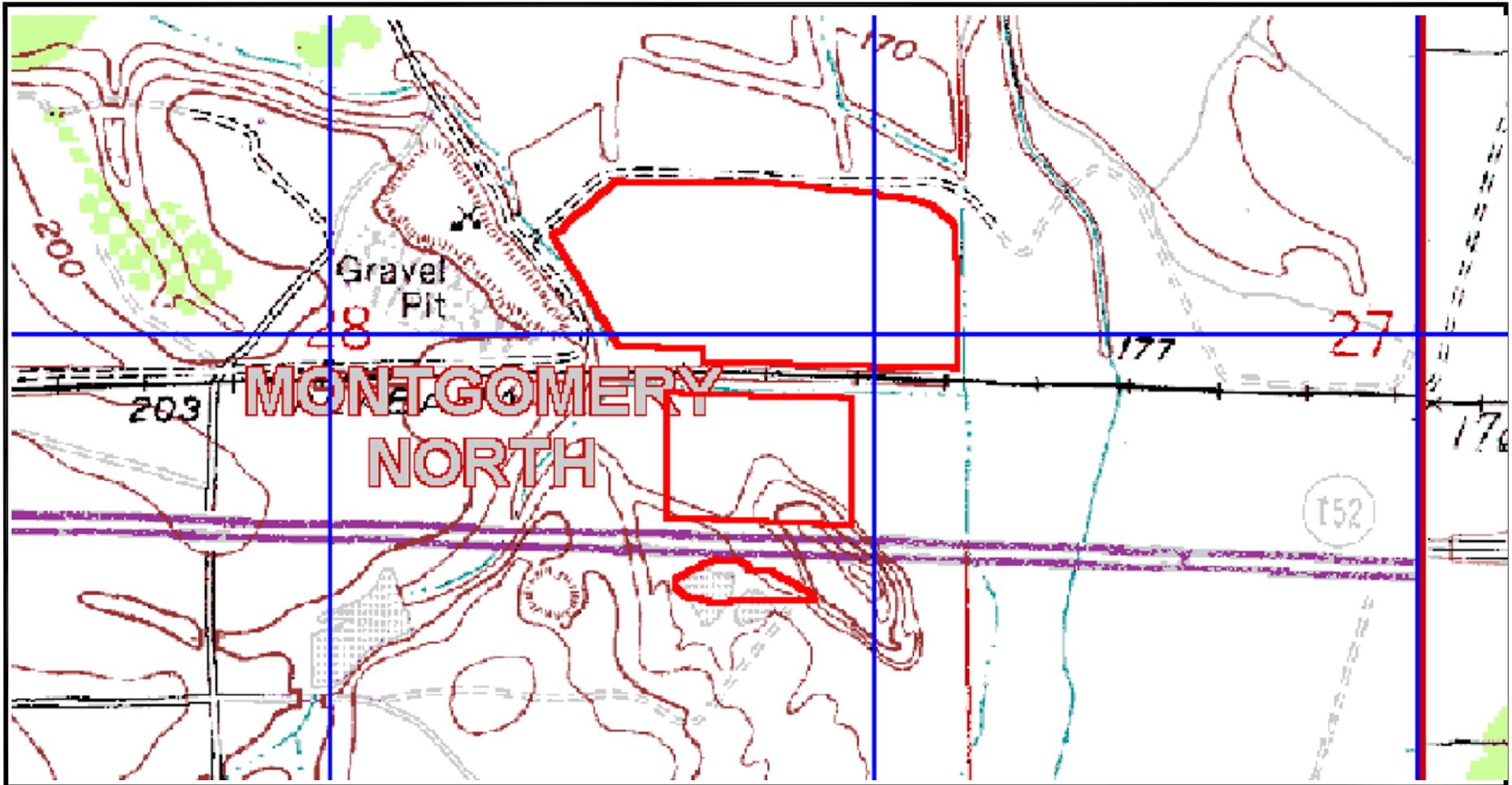
³ The screening levels were reported in ppb (parts per billion)

⁴ The soil screening values were obtained from the U. S. EPA Bulletin, Region IV Ecological Risk Assessment Bulletins-Supplement RAGS.

⁵ The screening values were obtained from the U. S. EPA Document, Region III, BTAG Screening Levels, 1995.

⁶ MDL = Method Detection Limit of 1.0 micrograms per liter for the aqueous laboratory analyses

FIGURES



Source: USGS Tuscaloosa 7.5 Minute Quadrangle Maps



4154 Lomac Street ■ Montgomery, Alabama 36106
334.244.0766 ■ Fax 334.244.6668

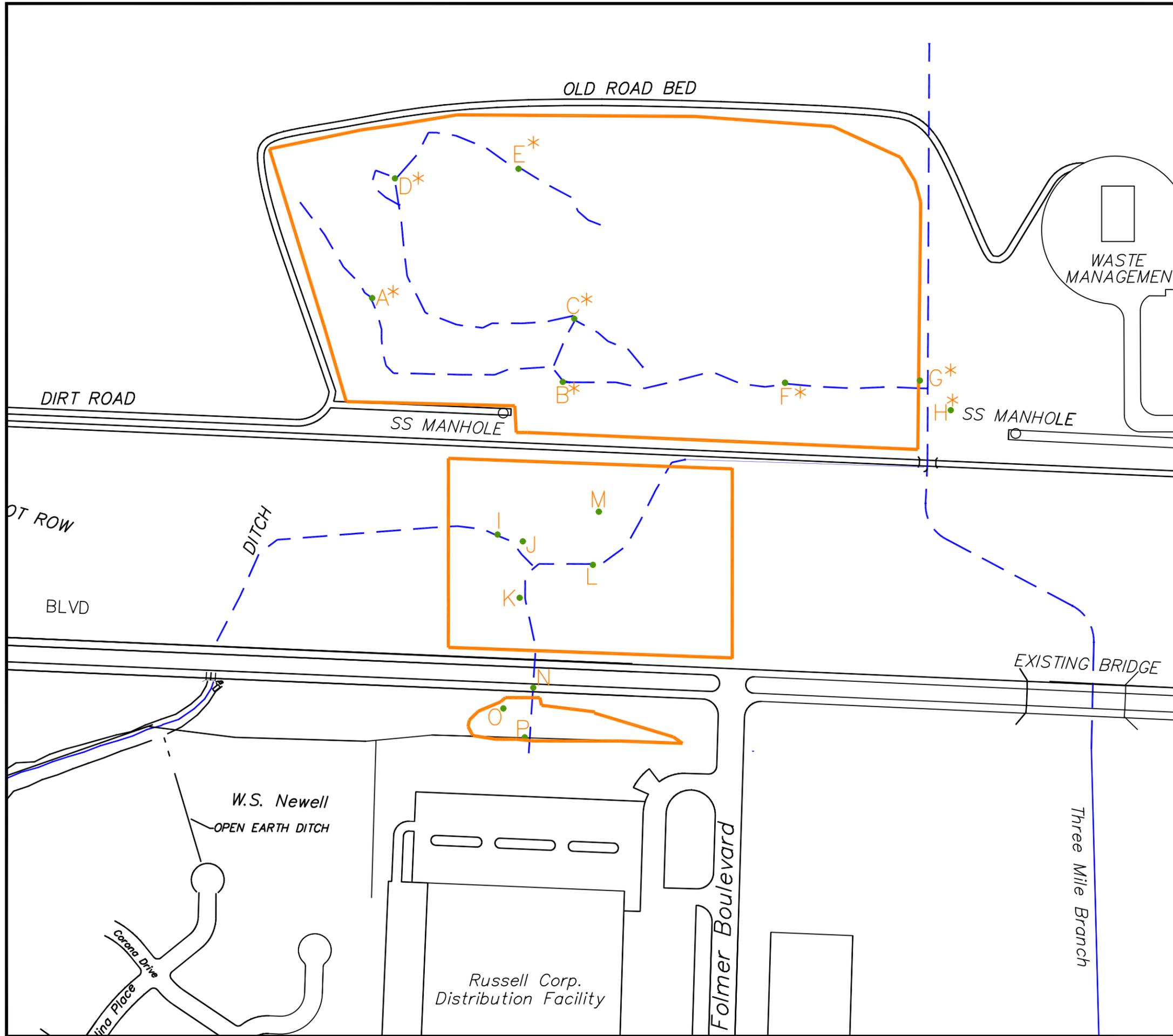
TTL PROJECT NO: 0700-024

Figure 1. Locations of Low Lying Areas. Quarterly Investigation of "Low Lying Areas";
May 2002 Status Report.

 Low Lying Areas

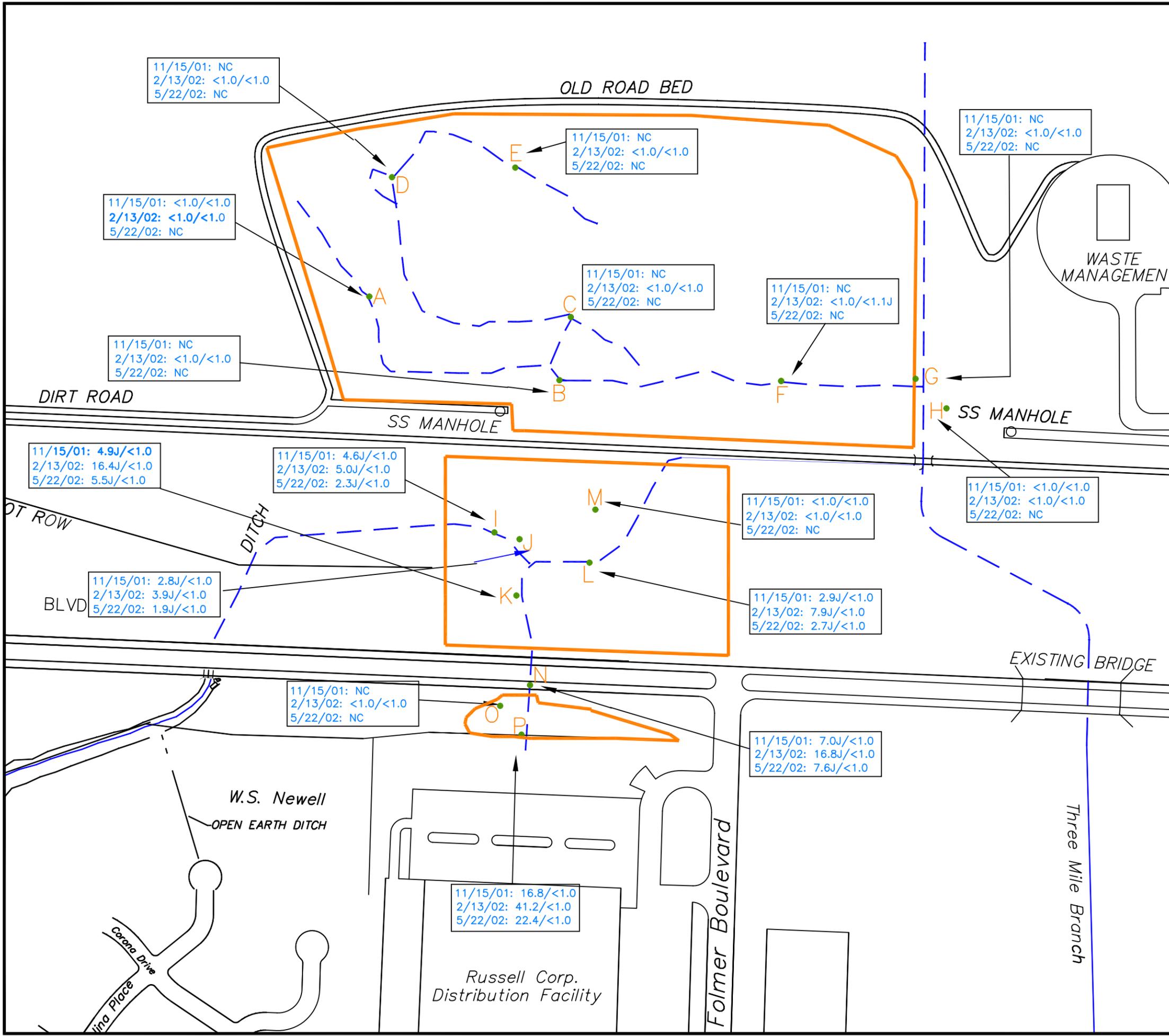


1" = 16,000'



LEGEND:

-  Boundary of Low Lying Area
-  Sample location and Identifier
-  Approximate locations of intermittent streams
-  Not sampled – Location was not scheduled for sampling during this quarterly event



LEGEND:

11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC

Sample date: TCE/Toluene (ug/L)

NC Not Collected

Low Lying Area

Sample point and Identifier

Approximate location of intermittent streams based on GPS waypoints

11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: NC
2/13/02: <1.0/<1.1J
5/22/02: NC

11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: 4.9J/<1.0
2/13/02: 16.4J/<1.0
5/22/02: 5.5J/<1.0

11/15/01: 4.6J/<1.0
2/13/02: 5.0J/<1.0
5/22/02: 2.3J/<1.0

11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: <1.0/<1.0
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: 2.8J/<1.0
2/13/02: 3.9J/<1.0
5/22/02: 1.9J/<1.0

11/15/01: 2.9J/<1.0
2/13/02: 7.9J/<1.0
5/22/02: 2.7J/<1.0

11/15/01: NC
2/13/02: <1.0/<1.0
5/22/02: NC

11/15/01: 7.0J/<1.0
2/13/02: 16.8J/<1.0
5/22/02: 7.6J/<1.0

11/15/01: 16.8/<1.0
2/13/02: 41.2/<1.0
5/22/02: 22.4/<1.0

ALDOT Coliseum Boulevard Plume Investigation



Analytical results of surficial water samples. Work plan 04-Investigation of "Low Lying Areas"

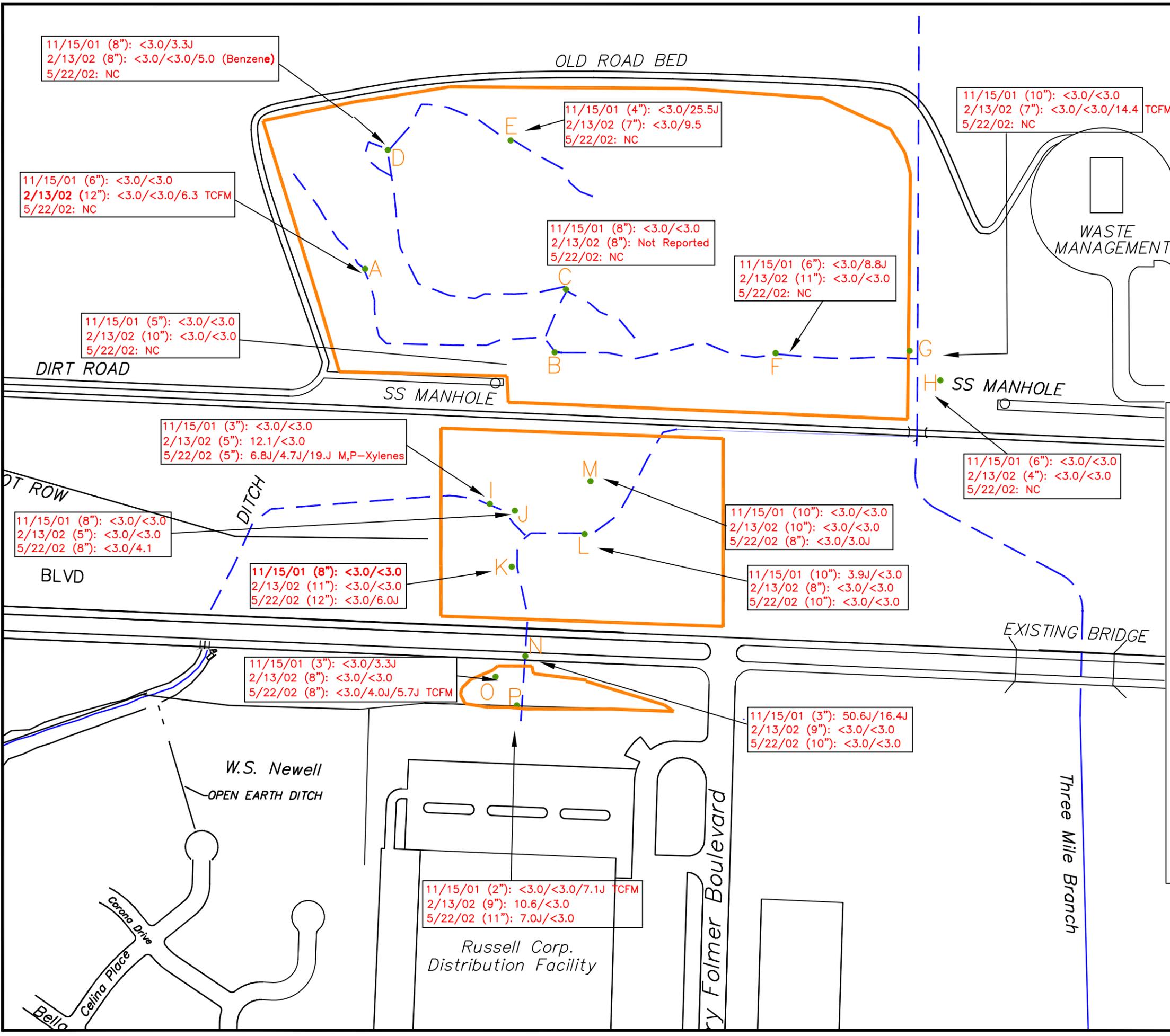
TTL PROJECT NUMBER:0700-024

4154 Lomax Street ■ Montgomery, Alabama 36106
334.244.0796 ■ Fax 334.244.6666

SCALE: 1" = 300'

Figure 3a

Drawing No. 020611



LEGEND:

11/15/01 (3"): <3.0/3.3J
2/13/02 (8"): <3.0/<3.0
5/22/02 (8"): <3.0/4.0J/5.7J TCFM

Sample date (depth): TCE/Toluene Concentrations (ug/kg)

TCFM

Trichlorotrifluoromethane



Low Lying Area



Sample point and Identifier



Approximate location of intermittent streams based on GPS waypoints

ALDOT Coliseum Boulevard Plume Investigation



Analytical results of soil samples. Investigation of "Low Lying Areas"

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TTL PROJECT NUMBER:0700-024

SCALE: 1" = 300'

Figure 3b

Drawing No. 020611.1

ATTACHMENT
(Refer to GIS Database)