

September 17, 2001

IT-MC-CK10-0152
Project No. 796887

Mr. Ellis Pope
U.S. Army Corps of Engineers, Mobile District
Attn: CESAM-EN-GE (Pope)
109 St. Joseph Street
Mobile, Alabama 36602

**Contract: Contract No. DACA21-96-D-0018/CK10
Fort McClellan, Alabama**

**Subject: Revised Quarterly Sampling Plan October 2001 and January 2002
Former Base Service Station, Building 2109, Parcels 21(7) and 22(7)
Motor Pool Area 3100, Parcels 146(7), 24(7), 25(7), 73(7), and 212(7)**

Dear Mr. Pope:

Enclosed please find a revised Quarterly Sampling Plan for October 2001 and January 2002. Please discard the plan dated September 4, 2001 and replace it with this submittal. In addition, replace the compact disc with the one provided.

As discussed at the August 2001 BCT meeting, IT will perform two quarterly groundwater sampling events at selected monitoring wells located at the above-referenced parcels. At the conclusion of the January 2002 event, data will be evaluated to determine whether benzene concentrations are exhibiting trends.

The field work will be conducted in accordance with the site-specific field sampling plans and safety and health plans issued in September 1998 and September 1999. In addition, the monitoring wells will be purged and sampled following the guidance established in the groundwater resampling study (IT letter to Ellis Pope dated August 7, 2000). The attached tables summarize the groundwater samples to be collected and the attached figures show the locations of the monitoring wells to be sampled.

Mr. Pope
-Page 2-

I have distributed copies of this letter work plan according to the distribution list indicated below. If you have questions, or need further information, please contact me at (770) 663-1429 or Steve Moran at (865) 694-7361.

Sincerely,

Jeanne A. Yacoub, P.E.
Project Manager

Attachments

Distribution:

Lisa Kingsbury, FTMC (7 copies, 1 CD)
Philip Stroud, ADEM (2 copies, 1 CD)
Doyle Brittain, EPA Region IV (1 copy, 1 CD)
Hugh Vick, Gannett Fleming (2 copies)
James Moore, AGS (1 copy)
Alan Freed, AEC (1 copy)

Table 1

**October 2001 Quarterly Sampling
Groundwater Sample Designations and QA/QC Samples**

**Former Base Service Station, Building 2109, Parcels 21(7) and 22(7)
Former Motor Pool 3100, Parcel 146(7)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Screened Interval (ft bgs)	QA/QC Samples		Analytical Suite
			Field Duplicates	MS/MSD	
UST-22-MW01	UST-22-MW01-GW-OCJ3001-REG	6.9-16.9		UST-22-MW01-GW-OCJ3001-MS/MSD	BTEX
UST-21-MW06	UST-21-MW06-GW-OCJ3002-REG	12.75-22.75			BTEX
UST-21-MW11	UST-21-MW11-GW-OCJ3003-REG	11.2-21.2	UST-21-MW11-GW-OCJ3004-FD		BTEX
UST-21-MW22	UST-21-MW22-GW-OCJ3005-REG	9-19			BTEX
FTA-146-MW01	FTA-146-MW01-GW-OCP3001-REG	18-33			BTEX
FTA-146-MW02	FTA-146-MW02-GW-OCP3002-REG	18.5-33.5			BTEX
FTA-146-MW03	FTA-146-MW03-GW-OCP3003-REG	24-39			BTEX
FTA-146-MW04	FTA-146-MW04-GW-OCP3004-REG	18-38			BTEX
FTA-146-MW05	FTA-146-MW05-GW-OCP3005-REG	25-40			BTEX
FTA-146-MW09	FTA-146-MW09-GW-OCP3006-REG	59.3-69.3			BTEX

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene (EPA SW846 Method 8021B).

FD - Field duplicate.

ft bgs - Feet below ground surface.

MS/MSD - Matrix spike/matrix spike duplicate.

NA - Not available.

REG - Field sample.

Table 2

January 2002 Quarterly Sampling
Groundwater Sample Designations and QA/QC Samples

Former Base Service Station, Building 2109, Parcels 21(7) and 22(7)
Former Motor Pool 3100, Parcel 146(7)
Fort McClellan, Calhoun County, Alabama

Sample Location	Sample Designation	Screened Interval (ft bgs)	QA/QC Samples		Analytical Suite
			Field Duplicates	MS/MSD	
UST-22-MW01	UST-22-MW01-GW-OCJ3001-REG	6.9-16.9		UST-22-MW01-GW-OCJ3001-MS/MSD	BTEX
UST-21-MW06	UST-21-MW06-GW-OCJ3002-REG	12.75-22.75			BTEX
UST-21-MW11	UST-21-MW11-GW-OCJ3008-REG	11.2-21.2	UST-21-MW11-GW-OCJ3009-FD		BTEX
UST-21-MW22	UST-21-MW22-GW-OCJ3010-REG	9-19			BTEX
FTA-146-MW01	FTA-146-MW01-GW-OCP3007-REG	18-33			BTEX
FTA-146-MW02	FTA-146-MW02-GW-OCP3008-REG	18.5-33.5			BTEX
FTA-146-MW03	FTA-146-MW03-GW-OCP3009-REG	24-39			BTEX
FTA-146-MW04	FTA-146-MW04-GW-OCP3010-REG	18-38			BTEX
FTA-146-MW05	FTA-146-MW05-GW-OCP3011-REG	25-40			BTEX
FTA-146-MW09	FTA-146-MW09-GW-OCP3012-REG	59.3-69.3			BTEX

BTEX - Benzene, Toluene, Ethylbenzene, and Xylene (EPA SW846 Method 8021B).

FD - Field duplicate.

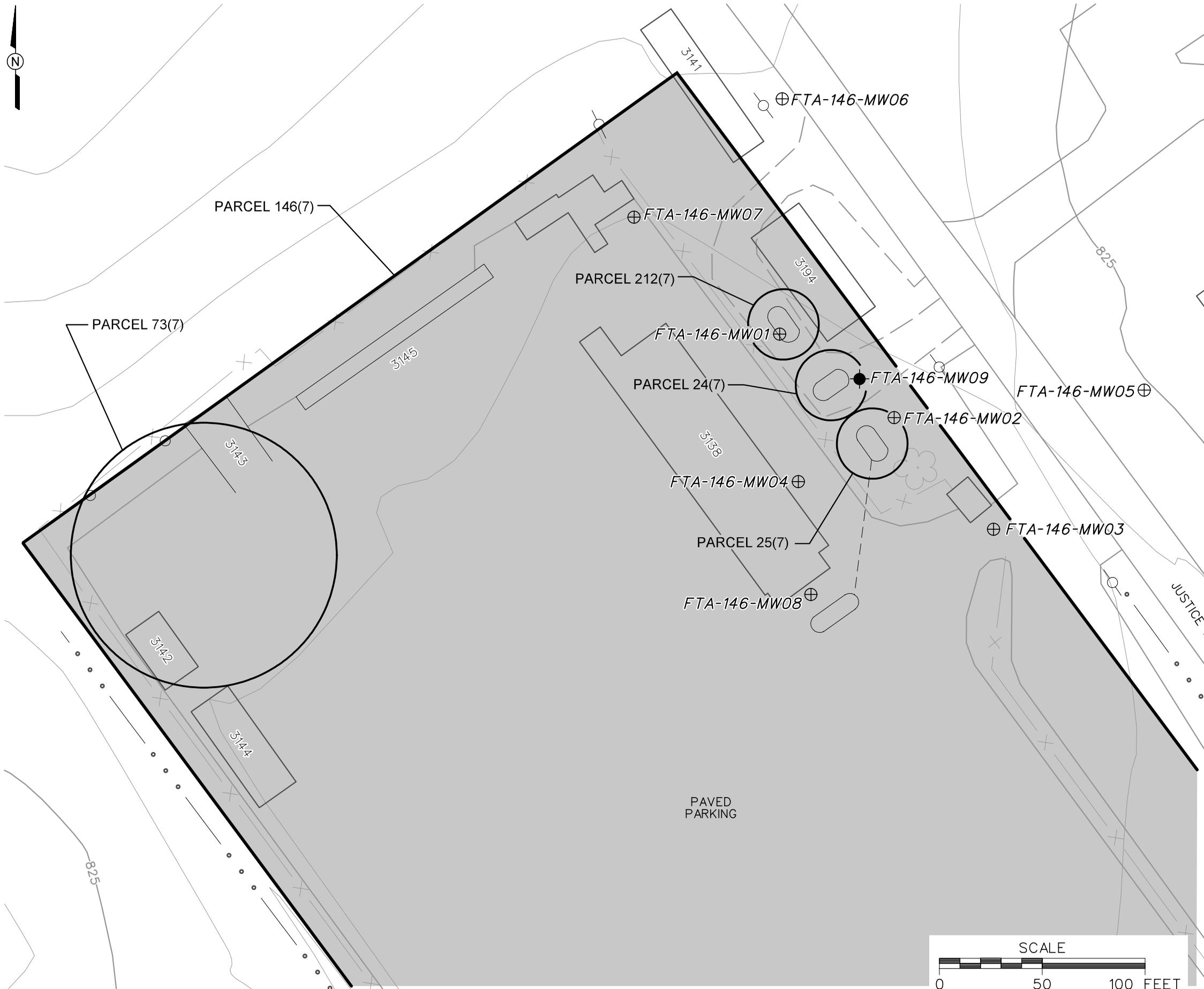
ft bgs - Feet below ground surface.

MS/MSD - Matrix spike/matrix spike duplicate.

NA - Not available.

REG - Field sample.

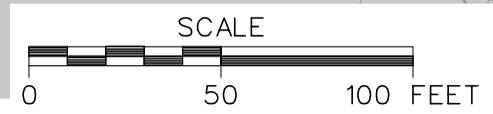
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 PROJ. NO.: 796887
 INITIATOR: G. SISCO
 PROJ. MGR.: J. YACOUB
 DRAFT. CHCK. BY:
 ENGR. CHCK. BY: S. MORAN
 DATE LAST REV.:
 DRAWN BY:
 STARTING DATE: 09/04/01
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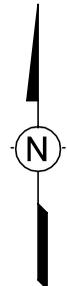
- LEGEND**
- UNIMPROVED ROADS AND PARKING
 - PAVED ROADS AND PARKING
 - BUILDING
 - TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 5 FOOT)
 - TREES / TREELINE
 - PARCEL BOUNDARY
 - SURFACE DRAINAGE / CREEK
 - FENCE
 - UTILITY POLE
 - RESIDUUM MONITORING WELL LOCATION
 - BEDROCK MONITORING WELL LOCATION

FIGURE 1
SAMPLE LOCATION MAP
MOTOR POOL AREA 3100
PARCELS 146(7), 24(7), 25(7),
73(7), AND 212(7)

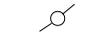
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 MOBILE DISTRICT
 FORT McCLELLAN
 CALHOUN COUNTY, ALABAMA
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LEGEND

-  UNIMPROVED ROADS AND PARKING
-  PAVED ROADS AND PARKING
-  BUILDING
-  TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 5 FOOT)
-  TREES / TREELINE
-  PARCEL BOUNDARY
-  UTILITY POLE
-  UST UNDERGROUND STORAGE TANK
-  RESIDUUM/BEDROCK MONITORING WELL LOCATION
-  RESIDUUM MONITORING WELL LOCATION
-  BEDROCK MONITORING WELL LOCATION

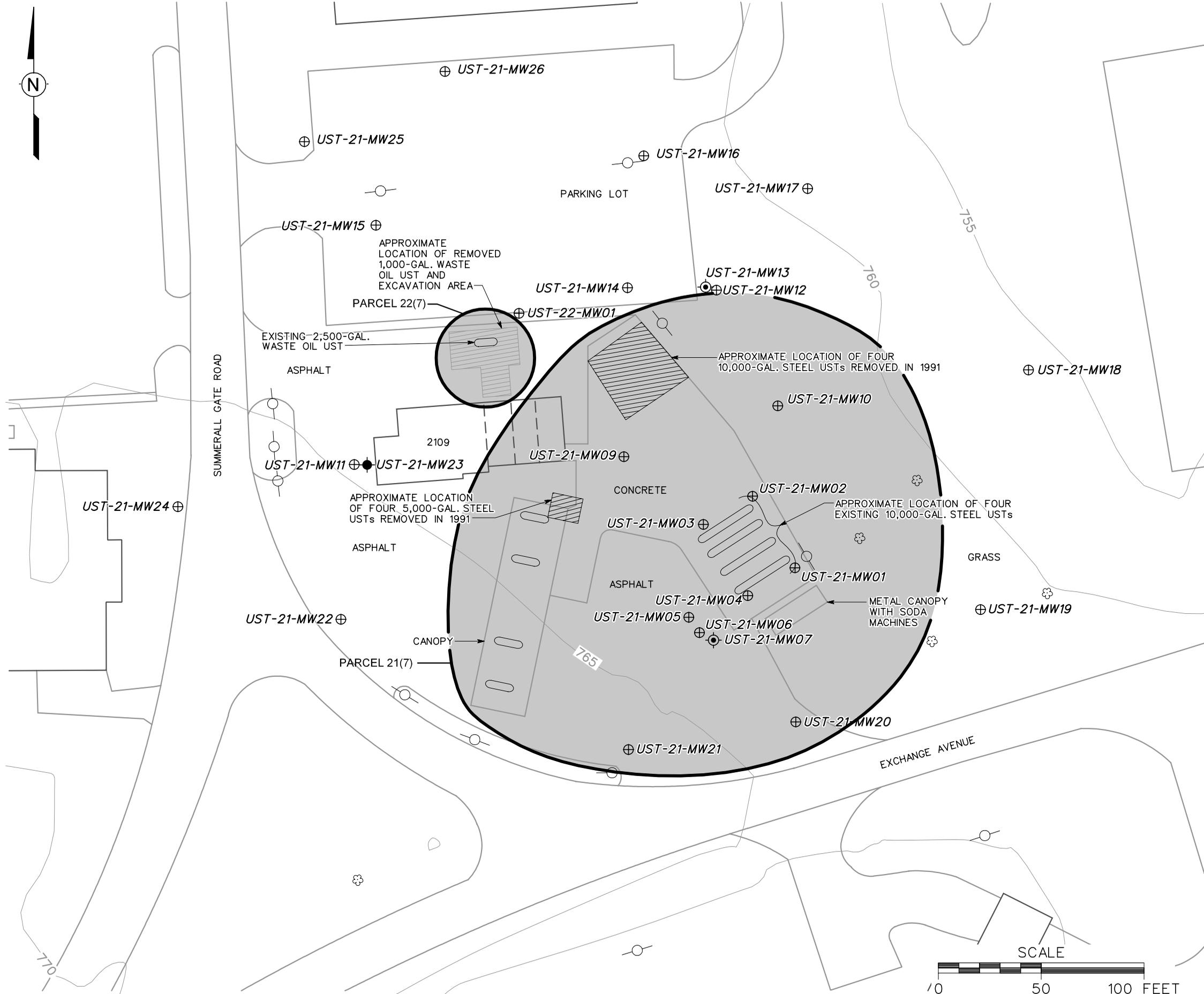


FIGURE 2
SAMPLE LOCATION MAP
BASE SERVICE STATION
BUILDING 2109
PARCELS 21(7) AND 22(7)

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