

FINAL



**FINDING OF SUITABILITY TO TRANSFER
(FOST)
FORT MCPHERSON, GEORGIA**

FORT MCPHERSON

**MCPHERSON IMPLEMENTING LOCAL REDEVELOPMENT
AUTHORITY PROPERTY**

**Prepared by
BASE REALIGNMENT AND CLOSURE (BRAC)
ENVIRONMENTAL OFFICE
FORT MCPHERSON, GEORGIA**

November 2013

DOCUMENT IDENTIFICATION

Document Title: Finding of Suitability to Transfer (FOST)

Site Name and Location: Surplus property at Fort McPherson, Fulton County, Georgia

Report Coverage: This report presents the FOST that supports Base Realignment and Closure (BRAC) activities regarding surplus property at Fort McPherson, Fulton County, Georgia. This document was prepared in accordance with Department of Defense (DOD) policy, BRAC guidance and 40 Code of Federal Regulations (CFR) Part 373.

Recipient Organization: McPherson Implementing Local Redevelopment Authority (MILRA)

TABLE OF CONTENTS

1.0	PURPOSE.....	1
2.0	PROPERTY DESCRIPTION.....	1
2.1	Intended Reuse	2
3.0	ENVIRONMENTAL DOCUMENTATION.....	2
4.0	ENVIRONMENTAL CONDITION OF PROPERTY.....	3
4.1	Environmental Remediation Sites	5
4.1.1	FTMP-12 – Small Arms Range.....	5
4.2	Storage, Release, or Disposal of Hazardous Substances.....	6
4.3	Petroleum and Petroleum Products.....	6
4.3.1	Underground and Aboveground Storage Tanks (UST/AST)	6
4.3.1.1	FTMP-02 – Building 41 UST.....	7
4.3.1.2	FTMP-03 – Building 350 Waste Oil Tank (Government Gas Station).....	8
4.3.1.3	FTMP-04 – Building 350, Oil/Water Separator (Government Gas Station).....	9
4.3.1.4	FTMP-05 – Building 370, Oil/Water Separator (Auto Craft Shop).....	9
4.3.1.5	FTMP-07 – Building 357, Oil/Water Separator (DEH Maintenance).....	10
4.3.1.6	FTMP-08 – Building 370, Waste Oil Tank (Auto Craft Shop).....	10
4.3.1.7	FTMP-09 – Building 143 PX Station.....	11
4.3.1.8	FTMP-10 – Veterinary Clinic/Old PX Gas Station.....	12
4.3.2	Non-UST/AST Storage, Release, or Disposal of Petroleum Products.....	13
4.4	Polychlorinated Biphenyls (PCB)	13
4.5	Asbestos.....	13
4.6	Lead-Based Paint (LBP).....	14
4.7	Radiological Materials.....	15
4.8	Radon.....	16
4.9	Munitions and Explosives of Concern (MEC)	16
4.10	Other Property Conditions.....	17
5.0	ADJACENT PROPERTY CONDITIONS.....	20
6.0	ENVIRONMENTAL REMEDIATION AGREEMENTS	20
7.0	REGULATORY/PUBLIC COORDINATION	20
8.0	NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE.....	20
9.0	FINDING OF SUITABILITY TO TRANSFER	20

LIST OF ACRONYMS

AAFES	Army Air Force Exchange Service
ACM	Asbestos-Containing Material
AST	Aboveground Storage Tank
BRAC	Base Realignment and Closure
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAP	Corrective Action Plan
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DEH	Directorate of Engineering and Housing
DMM	Discarded Military Munitions
DOD	Department of Defense
DOL	Directorate of Logistics
DRO	Diesel Range Organics
DPW	Directorate of Public Works
ECP	Environmental Condition of Property
EDC	Economic Development Conveyance
EPP	Environmental Protection Provision
FFS	Focused Feasibility Study
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
FOH	Federal Occupational Health
FORSCOM	U.S. Army Forces Command
FOSET	Finding of Suitability for Early Transfer
FOST	Finding of Suitability to Transfer
GAEPD	Georgia Environmental Protection Division
GDOT	Georgia Department of Transportation
GPR	Ground Penetrating Radar
GRO	Gasoline Range Organics
HRR	Historical Records Review
HSI	Hazardous Site Inventory
IAP	Installation Action Plan
IRA	Interim Removal Action
ISC	Initial Site Characterization
IRP	Installation Restoration Program
LBP	Lead Based Paint
LPH	Liquid Phase Hydrocarbon
MDL	Method Detection Limit
MEC	Munitions and Explosives of Concern
mg/kg	milligrams per kilogram
mg/L	milligram per liter
MILRA	McPherson Implementing Local Redevelopment Authority
mm	millimeter
MPLRA	McPherson Planning Local Redevelopment Authority
MPE	Multi-Phase Extraction
NEPA	National Environmental Policy Act

NFA	No Further Action
NG	National Guard
OSHA	Occupational Safety and Health Administration
OWS	Oil/Water Separator
PA	Preliminary Assessment
PAH	Polynuclear Aromatic Hydrocarbons
PCB	Polychlorinated Biphenyls
pCi/L	picocuries per liter
POL	Petroleum, Oil and Lubricants
ppm	parts per million
PX	Post Exchange
RAO	Remedial Action Objective
RCRA	Resource Conservation and Recovery Act
RDX	Hexahydro-1,3,5-trinitro-1,3,5-triazine
RC	Response Complete
RI	Remedial Investigation
RSL	Regional Screening Level
SAP	Satellite Accumulation Point
SAR	Small Arms Range
SI	Site Investigation
SPCC	Spill Prevention, Control and Countermeasures
SVOC	Semi-Volatile Organic Compound
TCLP	Toxicity Characteristic Leaching Procedure
TNT	2,4,6-Trinitrotoluene
TPH	Total Petroleum Hydrocarbon
TRPH	Total Recoverable Petroleum Hydrocarbon
USACE	U.S. Army Corps of Engineers
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
USARC	U.S. Army Reserve Command
USC	United States Code
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UXO	Unexploded Ordnance
VA	U.S. Department of Veterans Affairs
VOC	Volatile Organic Compound
XRF	X-ray Fluorescence

**DRAFT FINAL
FINDING OF SUITABILITY TO TRANSFER
(FOST)**

**MCPHERSON IMPLEMENTING LOCAL REDEVELOPMENT
AUTHORITY PROPERTY
FORT MCPHERSON
ATLANTA, GEORGIA**

November 2013

1.0 PURPOSE

The purpose of this Finding of Suitability to Transfer (FOST) is to document the environmental suitability of the property at Fort McPherson for transfer to the McPherson Implementing Local Redevelopment Authority (MILRA), consistent with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 120(h) and Department of Defense (DOD) policy. The MILRA is the authority established by the State and recognized by the Secretary of Defense as the entity responsible for developing and implementing the approved redevelopment plans. In addition, the FOST includes the CERCLA Notice, Covenant, and Access Provisions and Other Deed Provisions and the Environmental Protection Provisions (EPPs) necessary to protect human health or the environment after such transfer.

2.0 PROPERTY DESCRIPTION

From 1885 until 2011, Fort McPherson occupied nearly 500 acres in southwest Atlanta. At the time of its closure, Fort McPherson was one of the largest command centers in the U.S. military. The installation was home to U.S. Army Forces Command (FORSCOM), Third U.S. Army and U.S. Army Reserve Command (USARC).

In 2005, the United States Congress approved the Base Realignment and Closure (BRAC) Commission's recommendation to close Fort McPherson by September 2011. The facility closed on September 15, 2011.

The property to be transferred to the MILRA under the Economic Development Conveyance (EDC) authority consists of approximately 434 acres of land, which includes 248 buildings and structures, hereinafter referred to as the Property. A location map of the Property is provided on Figure 1 (Enclosure 1). A map showing the Property for transfer under this FOST, including the environmental sites, is provided on Figure 2 (Enclosure 1).

Fort McPherson is located within the city limits of Atlanta, in Fulton County, Georgia. It is centrally located in the Atlanta metropolitan area, approximately four miles southwest of downtown Atlanta and three miles north of Atlanta's Hartsfield-Jackson International Airport. The surrounding properties are primarily residential to the south and west, a mixture of commercial and industrial to the east and a mixture of commercial and residential to the north.

The following surplus property at Fort McPherson has been transferred since installation closure in September 2011:

- The U.S. Department of Veterans Affairs (VA), through a Fed-to-Fed conveyance, received six buildings and 10.106 acres of associated land. The letter of transfer was signed by the Army on November 4, 2011. The transfer included Buildings 125, 128, 129, 130, 131, and 132 and non-exclusive easements for ingress/egress on Hardee Avenue, Thorne Avenue, Anderson Way, Cumming Drive, Dietz Avenue, and Walker Drive. The VA has since demolished Building 132.
- The Associated Credit Union (Building 123) purchased 0.786 acre of land with perpetual easements for ingress/egress on Hardy [sic] Avenue, Thorne Avenue, Anderson Way, and Wofford Circle. The *Amended Finding of Suitability to Transfer (FOST), Fort McPherson, Georgia, Associated Credit Union, Fort McPherson, Georgia* dated September 2011 supported the transfer. The quit-claim deed granting the property was signed on April 26, 2012.
- The McPherson Credit Union (Building 248) purchased 0.484 acre of land with perpetual easements for ingress/egress on Hardee Avenue and Thorne Avenue. The *Amended Finding of Suitability to Transfer (FOST), Fort McPherson, Georgia, Fort McPherson Credit Union, Fort McPherson, Georgia* dated August 2011 supported the transfer. The quit-claim deed granting the property was signed on June 12, 2011.

2.1 Intended Reuse

The reuse plan developed by the McPherson Planning Local Redevelopment Authority (MPLRA) and subsequently revised by the MILRA was designed to create a work, live, learn, and play community anchored by a research center. See *Fort McPherson Outreach and Land Use Plan* (MPLRA, 2007) and *Fort McPherson Research Park Master Plan and District Conceptual Plan* (MILRA, 2010).

The land-use plan is illustrated on Figure 3 (Enclosure 1). The future use of Fort McPherson is consistent with the EPPs identified in Enclosure 11.

3.0 ENVIRONMENTAL DOCUMENTATION

A determination of the environmental condition of the Property was made based upon the following primary documents and supplemented by additional documents that are listed in Enclosure 3. The information provided is a result of a complete search of agency files during the development of these environmental surveys.

- Installation Assessment of Fort McPherson, Report No. 329 (*Environmental Science and Engineering, 1983*)
- Asbestos Survey, Volume I, Fort McPherson (*Hazardous Materials Engineering, 1986*)

- Underground Storage Tank (UST) Survey and Final Recommendations for Ft. McPherson and Ft. Gillem (*Law Environmental, 1990*)
- Environmental Assessment Real Property Master Plan, Fort McPherson (*Nakata Planning Group, 1998*)
- Final Closed, Transferring and Transferred Range/Site Inventory Report (*Malcolm Pirnie, 2002*)
- Final Historical Records Review (*Malcolm Pirnie, 2006*)
- Fort McPherson, Fort McPherson, GA, Site Assessment Report, Transition from the Army to the Community (*Staubach, 2006*)
- Final U.S. Army Base Realignment and Closure 2005, Environmental Condition of Property Report (*Shaw Environmental, 2007a*)
- Final U.S. Army Base Realignment and Closure, CERFA Report (*Shaw Environmental, 2007b*)
- Final U.S. Army Base Realignment and Closure 2005, Site Investigation Work Plan, Fort McPherson and Fort Gillem (*Shaw Environmental, 2007c*)
- Historical Site Assessment and Addendum to Environmental Condition of Property Report (*Cabrera Services, 2007*)
- Fort McPherson Hazardous Waste Management Plan (*Earth Tech, 2007*)
- Fort McPherson Outreach and Land Use Plan (*HOK, et al., 2007*)
- Fort McPherson Spill Prevention, Control, and Countermeasures (SPCC) Plan (*Earth Tech, 2008a*)
- Community Involvement Plan (*Earth Tech, 2008b*)
- Fort McPherson Asbestos Management Program Plan (*Earth Tech, 2008c*)
- Fort McPherson Lead Hazard Management Program Plan (*Earth Tech, 2008d*)
- Final U.S. Army Base Realignment and Closure 2005, Site Investigation Report (*Shaw Environmental, 2009*)
- Final Characterization Survey Report (*Cabrera Services, 2009*)
- Environmental Impact Statement for Disposal and Reuse of Fort McPherson, Georgia (*USACE, 2010*)
- Final Status Survey Report (*Cabrera Services, 2010*)
- Fort McPherson Research Park Master Plan and District Conceptual Plan (*MILRA, 2010*)
- Work Plan for Site Investigation of the Small Arms Range (FTMP-12) & Crematory Site (FTMP-14), (*North Wind, 2010*)
- Record of Decision (*Department of the Army, 2011*)
- Environmental Condition of Property (ECP) Report Update, Fort McPherson, Georgia (*Wenck Associates, 2011*)

4.0 ENVIRONMENTAL CONDITION OF PROPERTY

As defined by American Society for Testing and Materials Standard No. 5746 98, Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities, discrete areas, referred to as parcels, were classified into one of seven standard environmental condition of property (ECP) area types (categories). A brief description of the relevant ECP categories is presented below:

- ECP Category 1 – An area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred (including no migration of these substances from adjacent properties).
- ECP Category 2 – An area or parcel of real property where only the release or disposal of petroleum products or their derivatives has occurred.
- ECP Category 3 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.
- ECP Category 4 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, and all remedial actions necessary to protect human health and the environment have been taken.

The DOD ECP categories for the Property are as follows:

- ECP Category 1: Approximately 417 acres
 FTMP-04, Building 350 Government Gas Station Oil Water Separator (OWS)
 FTMP-07, Building 357 Directorate of Engineering and Housing (DEH) Maintenance OWS
 All aboveground storage tank (AST) sites
 Underground storage tank (UST) sites with no evidence of petroleum contamination
 Hazardous waste collection areas
 Lake Nos. 1 through 4

 All training areas except FTMP-12, Small Arms Range (SAR), also known as Fort McPherson Range
 The majority of the rest of the Property (Parcel 24(1))
- ECP Category 2: Approximately 15 acres
 FTMP-05, Building 370 Auto Craft Shop OWS
 UST sites with evidence of petroleum contamination including USTs at Buildings 41, 65, 101/102 (surface spill), 104, 105 (FTMP-10), 143 (FTMP-09), 160, 164, 200, 205, 331, 346/350, 368, 370 and 454.
- ECP Category 3: There are no Category 3 sites.
- ECP Category 4: Approximately 2 acres
 FTMP-12, SAR

A summary of the ECP categories for specific buildings, parcels, or operable units and the ECP category definitions is provided in Table 1 – Description of Property (Enclosure 4).

4.1 Environmental Remediation Sites

There is one Installation Restoration Program (IRP) site located on the Property. A summary of this site is as follows:

4.1.1 FTMP-12 – Small Arms Range

Description: The SAR, also known as the Fort McPherson Range, is located on South Miller Drive along the southwestern boundary of the installation. The site occupied approximately 1.96 acres and was constructed in 1910 as a 15-yard pistol range (Malcolm Pirnie, 2006). In 1977 the range was reconfigured and enlarged to a 25-meter, semi-enclosed firing range with pop-up targets (Fort McPherson Range) and first appeared on a 1979 map. The majority of the site is flat with a steep hillside forming the southern boundary. Fort McPherson personnel indicated that the area was previously used as a rifle range with the shooting platform located across South Miller Drive and the steep hillside to the south serving as the backstop. The range is located within the footprint of the Atlanta NG Target Range.

The SAR consisted of a range office and the semi-enclosed small arms firing range, which measured approximately 125 feet by 100 feet. The firing range building was constructed of concrete block walls on the east and west sides. The north side of the range building was enclosed with a chain link fence. The hillside served as the range's backstop for many years. The roof consisted of slanted metal trays designed to capture projectiles that bounced off the range walls. In 2001, the south side was covered in rubber block to capture the bullets. While in use, rounds were fired from the northern side of the range towards the southern end. The SAR was used until 2011 when operations ceased in preparation for closure of Fort McPherson.

Previous Investigations: From January 31, 2011 through February 2, 2011, a Phase I Site Investigation (SI) was performed. During this SI surface and subsurface soil samples were collected using hand augers and a GeoProbe, and hydropunch groundwater samples were collected using the GeoProbe. Analytical results indicated the presence of antimony and lead in excess of the United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for residential soils (antimony=31 milligrams per kilogram (mg/kg), lead=400 mg/kg). Contamination was identified to a depth of at least 6 feet, with the greatest depth of contamination present at the base of the hillside. Contamination was also found in groundwater exceeding the RSLs for tap water for antimony, copper and lead (antimony=0.006 milligram per liter (mg/L), copper=1.3 mg/L, lead=0.015 mg/L).

Site work for the soil interim removal action (IRA) began on June 12, 2012. The range enclosure building was tested using x-ray fluorescence (XRF) to verify that the concrete block was suitable for crushing. The rubber block from the south wall was sent to a Subtitle C landfill for disposal as a Resource Conservation and Recovery Act (RCRA) hazardous waste. The concrete block was sent offsite for crushing and the metal roofing was sent to a metal recycler. Soil within areas of identified contamination was excavated and treated onsite to stabilize the lead. The initial excavation was to a depth of two feet

below the depth at which contamination was identified in excess of the residential soil RSLs. The treated soil was analyzed using the Toxicity Characteristic Leaching Procedure (TCLP) test to ensure lead did not leach above the toxicity characteristic level of 5 mg/L. Soil that exceeded this limit was retreated and retested prior to offsite disposal at a Subtitle D landfill. Excavation continued until confirmation soil samples sent for laboratory analysis indicated the remaining soil did not exceed the residential soil RSL for antimony and lead.

To date, 5,891 cubic yards of soil have been excavated, treated and transported off site for disposal. All contaminated soils have been excavated and the area was backfilled with material from an offsite location and seeded for stabilization.

Current Status: The soil Interim Remedial Action activities achieved the site remedial goals. No further soil remediation is recommended for this site. The wells will be placed based on the results of the hydropunch sampling performed during the initial phase of the SI. The need for groundwater remediation will be determined based on the results of the groundwater sampling.

4.2 Storage, Release, or Disposal of Hazardous Substances

Hazardous substances were stored at Fort McPherson in a 90-day yard (Building 353) and at various universal waste storage areas (Buildings 125, 340, 346 and 370). Universal waste included lamps and batteries. Under State of Georgia regulations, only 55 gallons of hazardous substances could be accumulated at one time. Once the amount was exceeded, the excess waste was moved within three days to a 90-day area. Within 90 days, the waste was transported off installation by a licensed hazardous waste transporter.

All hazardous substance storage operations have been terminated on the Property. A summary of the buildings or areas in which hazardous substance activities occurred is provided in Table 2 – Notification of Hazardous Substance Storage, Release, or Disposal (Enclosure 5). The CERCLA 120(h)(3) Notice, Description, and Covenant at Enclosure 10 will be included in the Deed.

4.3 Petroleum and Petroleum Products

4.3.1 Underground and Aboveground Storage Tanks (UST/AST)

- **Current UST/AST Sites** – There are one underground and 14 aboveground petroleum storage tanks¹ (UST/AST) on the Property. The UST is located at Building 200. The remaining tanks have either been removed or closed in place and are discussed below.

A petroleum product release occurred at Building 200. The release of the petroleum product via fuel piping was remediated as part of the upgrade of the UST system. See *Closure Report for Product Lines, Fort McPherson, Building*

¹ Including fuel tanks within emergency generators.

200 (FOH and Atlanta Environmental Management, 1998b), *Addendum to Underground Storage Tank Product Lines Closure Report* (FOH and Atlanta Environmental Management, 1999) and *Soil and Groundwater Evaluation Report, Fort McPherson Building 200 Temporary Out of Use UST* (AEROSTAR, 2012f). The Georgia Environmental Protection Division (GAEPD) approved No Additional Assessment Required on March 21, 2012.

The GAEPD approved No Additional Assessment Required for ASTs at the following building sites: 65, 110, 160, 315, 326, 331, 340, 346, 365 and 370.

- **Former UST/AST Sites** – There were 39 underground and two aboveground petroleum storage tanks (UST/AST) on the Property that have been removed or closed in place. Petroleum product releases occurred at the following sites: 41, 101/102 (surface spill), 104, 105, 143, 160, 164, 205, 346/350, 368, 370 and 454. The releases of these petroleum products (except Buildings 105 and 143) were remediated as part of the UST/AST closure.

The GAEPD approved No Further Action (NFA) at the following building sites: 40, 41, 101/102 (surface spill), 104, 106, 160, 164, 183, 205, 207, 214, 326, 346/350, 370, 454, 650 and 651.

A summary of the UST/AST petroleum product activities is provided in Table 3 (Enclosure 6). Further discussion of the IRP sites that are managed under the GAEPD UST Management Program is provided below.

4.3.1.1 FTMP-02 – Building 41 UST

Description: Building 41, the Staff Judge Advocate office, utilized a fuel oil-fired boiler for heat. A 5,000-gallon, steel UST located south of the building provided heating oil to the boiler system. The UST was installed in 1970.

Previous Investigations: The UST was removed from the ground on November 6, 1991. Visible staining of soil beneath the fill port and product line leading to Building 41 was observed. Since no holes or cracks in the tank were evident, it was assumed that soil contamination was caused by overfills or a leak in the product piping. The initial closure soil samples exceeded the regulatory criteria for total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, xylenes (BTEX). The tank pit was over-excavated and 157 cubic yards of contaminated soil were disposed to Roberts Road Landfill in Fayetteville, Georgia. Some contaminated soil that exceeded the regulatory criteria for TPH was left in place due to existing structures that prohibited further soil removal. The Army reported a confirmed release to GAEPD on November 8, 1991. The closure report dated January 8, 1992 recommended an initial site characterization (ISC) (Ground Water Services, 1992a). GAEPD requested the ISC on November 19, 1991. No further documentation was located; however, the 2007 ECP reported that GAEPD approved NFA in 2002.

The Army conducted an additional assessment in 2011, including a ground penetrating radar (GPR) survey and soil and groundwater sampling. BTEX and polynuclear aromatic hydrocarbons (PAHs) were analyzed below method detection limits (MDLs) in all samples. The closure report was submitted to GAEPD on September 14, 2011 (AEROSTAR, 2011a). GAEPD reissued NFA on November 9, 2011.

Current Status: All environmental soil and groundwater remediation activities at this particular site have been completed.

4.3.1.2 FTMP-03 – Building 350² Waste Oil Tank (Government Gas Station³)

Description: FTMP-03 is located south of Walker Drive in the southeastern portion of Fort McPherson. The FTMP-03 site is also referred to as Building 350 in the 2005 Installation Action Plan (IAP; USACE, 2005)⁴. One 2,000-gallon waste oil UST designated as 346-WO1 was operated at Building 350 within the Department of Public Works (DPW) compound.

Previous Investigations: Per the 2007 ECP Report, the tank was removed in December 1991 with soil overexcavation based on hydrocarbon odors and field screening data. A tank closure report was submitted in January 1992 presenting the findings of samples collected from the area around this site. The closure report was not available for review during ECP report generation. The site was closed out of the IRP in June 1993. No records were available documenting a NFA concurrence from the GAEPD.

SI activities were conducted in late 2007 and 2008. During the course of generating the SI report, the closure report for the site prepared in 1992 by Legacy Environmental Services, Inc. was obtained and reviewed. The closure report stated that three USTs (two gasoline tanks and one diesel tank) were removed from the site, but it did not account for the waste oil tank. During tank removal activities, petroleum odors were noted in the tank pit of the two gasoline tanks. Soil was over-excavated from the former tank pit of the gasoline tanks based on hydrocarbon odors and field screening data. Upon completion of excavation activities, confirmatory soil analytical results indicated that the remaining soil levels were below the minimum allowable levels for triggering corrective action set by GAEPD for TPH and BTEX.

Two temporary groundwater monitoring wells were installed and sampled. The samples were analyzed for BTEX and PAHs. All compounds were below MDLs in the groundwater samples. The SI recommended NFA.

The Army conducted an additional assessment in 2010 and 2011, including soil and groundwater sampling. BTEX and PAH were below MDLs in all samples. A closure

² Prior to building renumbering, Building 350 was identified as Building 346.

³ Prior to being called the Government Gas Station, the building was called the Motor Pool Gas Station.

⁴ Archived installation blueprints (RMS Corporation, 1988, 1992) designate the location of this UST at Building 346; however, the current Installation mapping designates it as Building 350. The building appears to have been renumbered.

report was submitted to GAEPD on July 6, 2012 requesting NFA (AEROSTAR, 2012j). GAEPD approved NFA on August 7, 2012.

Current Status: All environmental soil and groundwater remediation activities at this particular site have been completed.

4.3.1.3 FTMP-04 – Building 350, Oil/Water Separator (Government Gas Station)

FTMP-04 is located south of Walker Drive in the southeastern portion of Fort McPherson. One 2,000-gallon OWS is located approximately 25 feet south of Building 350 within the DPW compound. The OWS is a single-wall underground flow-through separator that services the fuel dispenser island at the Directorate of Logistics (DOL) Motor Pool and the car wash. The tank was active prior to installation closure and was periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract. Per the Fort McPherson 2001 IAP, a Preliminary Assessment (PA) was conducted in 1988. Response Complete (RC) was achieved in 1988 (USACE, 2001).

Current Status: There was no evidence of soil or groundwater contamination associated with this OWS. The OWS was pumped out at the time of installation closure and the contents were disposed as a non-regulated waste.

4.3.1.4 FTMP-05 – Building 370, Oil/Water Separator (Auto Craft Shop)

The OWS received petroleum products from floor drains inside the Auto Craft Shop and wash water from the steam cleaning wash rack. Construction activities in the area resulted in a broken junction box where effluent piping conveyed wash water from the Auto Craft shop to the OWS. Activities in the vicinity of the OWS caused storm water runoff to enter the OWS and the broken junction box, resulting in system back-up (Kemron Environmental Services, 1996).

In 1996, Kemron Environmental Services cleaned the drain line leading from the OWS to the sanitary sewer. While some blockage of the line was noted, the amount of debris washed from the line was not sufficient to prevent the OWS from draining properly. Per Kemron's 35% concept submittal for OWS replacement, several borings were advanced near the OWS to screen for potentially contaminated soil. Field screening indicated that the potential contamination was limited to a 150 square foot area to an average depth of eight inches. The concept submittal included removal and replacement of contaminated soil with clean fill material. A copy of Kemron's final data report was not available for review. A replacement 300-gallon OWS was installed in 1999. The OWS was active prior to installation closure and was periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract.

Current Status: The 300-gallon OWS was pumped out at the time of installation closure and the contents were disposed as a non-regulated waste.

4.3.1.5 FTMP-07 – Building 357, Oil/Water Separator (DEH Maintenance)

The former OWS at Building 357 received petroleum products from the floor drains of the wash rack. The tank was periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract. Per the Fort McPherson 2001 IAP, a PA was conducted in 1988. RC was achieved in 1988 (USACE, 2001).

A visual site inspection was made during ECP report preparation (Shaw Environmental, 2007a). A grassy area was observed to occupy the location of the former OWS. Army personnel confirmed that the OWS had been removed.

Current Status: There is no evidence of soil or groundwater contamination associated with the former OWS.

4.3.1.6 FTMP-08 – Building 370, Waste Oil Tank (Auto Craft Shop)

Description: The waste oil AST was installed at Building 370 in 1994. The tank is located within fencing in a secondary containment structure along the east line of the building. Prior to installation closure, the AST received petroleum, oil and lubricants (POL) from the engine maintenance operations inside the Auto Craft Shop. When active, the AST was periodically cleaned by a waste oil recycling company. The AST replaced a former waste oil UST that was removed in 1993.

Previous Investigations: SI activities were conducted in late 2007 and 2008. A soil boring was advanced adjacent to and downgradient of the former tank pit. One soil sample was collected. Two temporary wells in the DPW compound downgradient of the tank pit were sampled. The soil sample was analyzed for BTEX, PAHs, TPH-gasoline range organics (GRO) and TPH-diesel range organics (DRO). Total xylenes and toluene were detected at low levels in the soil sample. Benzene, ethylbenzene, TPH-GRO, TPH-DRO and PAHs in the soil samples were below MDLs. Toluene and xylenes were below the lower groundwater pollution susceptibility area standards. Groundwater samples were analyzed for BTEX and PAHs. All compounds were below MDLs in the groundwater samples. The SI recommended NFA for the waste oil tank (Shaw Environmental, 2009c).

The Army conducted an additional assessment in 2010, including soil and groundwater sampling. BTEX, PAH, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) were analyzed below MDLs in all samples. The closure report was submitted on September 14, 2011 requesting NFA (AEROSTAR, 2011j). GAEPD approved NFA on November 9, 2011.

Current Status: All environmental activities at this particular site have been completed.

4.3.1.7 FTMP-09 – Building 143 PX Station

Description: The former Army Air Force Exchange Service (AAFES) Post Exchange (PX) gas station at Building 143 operated from 1959 through 1996. The gas station at Building 143 was originally serviced by one 10,000-gallon UST which was removed in 1991 (Ground Water Services, 1991a). Three 10,000-gallon gasoline tanks and one 500-gallon waste oil tank serviced the site from 1961 to 1996⁵.

Previous Investigations: The Army reported a suspected release to GAEPD on October 26, 1990 after a failed line test. Soil contamination was verified and appeared to be caused by leaking fuel piping in the dispenser area. The Army submitted a letter report to the GAEPD in December 1990 advising that maximum BTEX and TPH concentrations of 0.658 and 2,414 mg/kg, respectively, were detected in a soil sample beneath one of the dispensers. The GAEPD acknowledged the confirmed release on January 18, 1991.

The Army submitted a letter report to the GAEPD in February 1991 advising of Phase I field activities conducted in January 1991 that included three new monitoring wells, 14 borings and 56 soil samples. Maximum contaminant concentrations were found near the tankfield. In Phase II, four additional borings were advanced, two monitoring wells installed and 20 soil samples collected. Benzene was below MDLs in all samples. TPH ranged from 32 to 1,400 mg/kg. The monitoring wells were sampled in August 1993. One additional monitoring well was installed.

Removal of the three 10,000-gallon USTs coincided with the demolition of Buildings 143 and 187 in 1996. Petroleum contamination was visible in the tank pit, piping trench and fuel dispenser areas. Approximately 363 tons of petroleum-impacted soil was overexcavated from the piping trench and dispenser area. Petroleum hydrocarbons in the confirmatory soil samples were below the regulatory criteria for BTEX, PAH and TPH-DRO/GRO. The excavated soil was disposed of at the Waste Management landfill in Conley, GA. Prior to backfilling, the contractor installed a soil venting system in the tank pit and dispenser excavations for future use. The closure report requested NFA for soil (M.S. Environmental Consultants, 1996). The Army submitted a corrective action plan (CAP) to the GAEPD in April 1994 which further delineated the petroleum contamination, evaluated potential health risks, recommended alternate corrective action levels and proposed remedial alternatives (ENSR, 1994). The Army received GAEPD comments in April 1996 recommending fate and transport modeling. The Army submitted a CAP Addendum report in November 1996 (ENSR, 1996).

In April 1997, the GAEPD noted that incorrect regulatory criteria were used in the 1996 closure report and requested vertical delineation of TPH above groundwater. The Army installed three additional monitoring wells in May 1997. The source well contained three inches of liquid-phase petroleum hydrocarbons (LPH). The CAP Part A was amended to include installation of a dual-phase recovery system. Remediation/corrective action has been ongoing since May 1997. The May 2007 progress report indicated LPH in four wells. Two Aggressive Fluid/Vapor Recovery events were completed in August and

⁵ The 500-gallon UST was removed in 1992.

September 2007 with 1,146 gallons of impacted groundwater recovered in August 2007. The Army submitted a Site Summary Report to the GAEPD on November 18, 2008 (AEROSTAR, 2008b). The GAEPD approved the CAP Part A on December 17, 2008.

Two monitoring wells were installed in 2008 and six wells were sampled. Benzene exceeded the regulatory criterion in all of the groundwater samples. LPH was measured in two of the wells. In 2009, three monitoring wells, two recovery wells and one air sparge well were installed. Dissolved benzene concentrations exceeded the regulatory criterion in 11 groundwater samples and LPH was measured in four wells. The Army submitted a CAP Part B to GAEPD in March 2010 recommending multi-phase extraction (MPE) for full-scale remediation. GAEPD approved an alternate concentration level for benzene of 9,000 micrograms per liter ($\mu\text{g/L}$). The GAEPD approved MPE in March 2010 with the agreement that the MPE system will be operated three additional months following achievement of the remedial action objective (RAO) for benzene of 3,000 $\mu\text{g/L}$. The MPE will be reactivated if benzene concentrations exceed 4,500 $\mu\text{g/L}$. The MPE system was installed in April 2010 and activated on June 6, 2011 (AEROSTAR, 2013). The mass removal of 14,850 pounds of total recoverable petroleum hydrocarbons (TRPH) was achieved on August 1, 2012 (personal communication, Todd Harbage (AEROSTAR), November 26, 2012). The MPE system is currently shutdown as the RAO has been met.

Current Status: Site closure is expected in December 2014.

4.3.1.8 FTMP-10 – Veterinary Clinic/Old PX Gas Station

Description: The Veterinary Clinic, Building 105, was formerly a gasoline station with vehicle maintenance facilities located in the northern adjacent building (Building 104). The gas station operated from the early 1930s until 1958. One 5,000-gallon gasoline UST and one 550-gallon waste oil UST serviced the site. The waste oil tank was located beneath the enclosed northwest corner of Building 105.

Previous Investigations: The 550-gallon waste oil tank was closed in place in 1990. No apparent leaks were reported as occurring from this tank at closure (Sailors Engineering, 1990). The 2007 ECP reported, however, that the UST leaked resulting in soil and groundwater contamination (Shaw Environmental, 2007a). Remediation of the release from the waste oil UST is being addressed as part of overall Building 105 remediation.

The 5,000-gallon UST was removed by Seymour Services in February 1990. Stained soil was observed on the west wall of the tank pit. Three borings and one monitoring well were installed in March 1990 (Atlantic Geoscience, 1990). The Army submitted an ISC report to the GAEPD on July 18, 1990 that identified petroleum-impacted soil and groundwater at concentrations that exceeded regulatory criteria. Three monitoring wells were installed in October 1990. Two of the wells intercepted LPH (Sailors Engineering, 1990). Eight additional monitoring wells were installed between 1990 and 2007. In 1995, the LPH was hand bailed and then recovered by pump. A CAP Part A dated May 1995 was submitted to GAEPD. A CAP Part B for LPH recovery was submitted to GAEPD in July 1996 (ENSR, 1996).

In 2007, 0.04 and 0.06 feet of LPH were measured in two wells and 180 gallons of impacted groundwater were recovered during two vacuum recovery events. In 2008, two monitoring wells were installed and LPH (0.07 to 1.96 feet thick) was measured in six wells (AEROSTAR, 2008b). Five monitoring wells, two recovery wells and one air sparge well were installed in 2009. Field data indicated an easterly groundwater flow direction and migration of the petroleum plume off-Post onto Georgia Department of Transportation (GDOT) property (U.S. Highway 29). The GDOT would not allow well installation in US Highway 29. The GAEPD concurred that all investigation/remedial activities would occur on Fort McPherson property.

The Army submitted a second CAP Part B to GAEPD in February 2010 recommending MPE for the full-scale remediation. The GAEPD approved the CAP Part B in February 2010. The MPE system was activated on March 22, 2011. The effluent soil vapor was treated using electrically-heated catalytic oxidation. The mass removal of approximately 33,250 pounds of TRPH was measured on November 2, 2012 (personal communication, Todd Harbage (AEROSTAR), November 26, 2012). The RAO for groundwater is 3,000 µg/L of benzene sustained for a three-month period (AEROSTAR, 2013a).

Current Status: Operation and maintenance of the MPE system and groundwater monitoring are ongoing. Achievement of the RAO and subsequent site closure are expected in December 2015.

4.3.2 Non-UST/AST Storage, Release, or Disposal of Petroleum Products

There is no evidence that non-UST/AST petroleum products in excess of 55 gallons were stored for one year or more on the Property.

4.4 Polychlorinated Biphenyls (PCB)

All transformers on the Property have been surveyed and those containing PCBs were removed in 1987. There is no known record or documentation of PCB leaks or spills since 1987. An additional survey was performed in 2001 and, of the transformers sampled, none were found to contain PCBs at concentrations above 50 parts per million (ppm). In-service transformers with residual PCBs were replaced when they failed.

On July 29, 1981, a transformer in the area of the tennis courts leaked fluid that contaminated an area six meters in diameter. O&H Materials, Inc. was contracted to clean up the spill. The spill material and 25 drums of soil from the area were excavated. Analysis of the samples from the spill area confirmed that it was PCB-contaminated (USATHAMA, 1983).

4.5 Asbestos

There is asbestos-containing material (ACM) in the following buildings: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 40, 41, 42, 46, 47, 50, 51, 52, 53, 54, 56, 57, 58, 59, 60, 61, 62, 63, 65, 100, 101, 102, 104, 105,

106, 110, 135, 136, 137, 138, 139, 140, 141, 142, 144, 160, 167, 168, 169, 170, 171, 178, 179, 180, 181, 183, 184, 200, 205, 238, 240, 243, 250, 303, 326, 328, 347, 348, 349, 355, 363, 366, 370, 380, 400, 401, 403, 404, 407, 408, 409, 410, 411, 417, 419, 421, 422, 427, 441, 448, 449, 503, 504, 506, 507, 508, 509, 510, 511, 512, 514, 515, 516, 517, 518, 519, 522, 523, 524, 525, 526, 527, 528, 529, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 601, 602, 603, 604, 605 and 608⁶.

The ACM includes thermal system insulation, pipe insulation, air cell insulation, linoleum, floor tile, mastic, window/door caulking, ceiling tiles, window glazing, vinyl stair tread, transite ceiling panels, plaster walls/ceiling, roofing sealant, roofing cement, tar paper, felt paper, fiberboard shingles, joint compound, pipe elbows, sink undercoating, and vibration dampener cloth. See *Volume I, Ft. McPherson Asbestos Survey* (Hazardous Materials Engineering, 1986) and other asbestos survey reports in Enclosure 2 – Environmental Documentation.

Partial ACM abatement was completed in the following buildings: 19, 40, 41, 47, 51, 62, 65, 105, 169, 171, 180, 185, 205 and 403.

This information is summarized in Table 4 – Asbestos-Containing Material (Enclosure 7). An asbestos notice and covenant requiring the transferee to manage and/or abate asbestos in accordance with applicable laws will be included in the deed. The conveyance deed will contain the ACM notification covenant contained in the EPP in Enclosure 11.

4.6 Lead-Based Paint (LBP)

The following buildings are known or presumed to contain lead-based paint (LBP): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 40, 41, 42, 46, 47, 50, 51, 52, 53, 54, 56, 57, 58, 59, 60, 61, 62, 63, 65, 100, 101, 102, 104, 105, 106, 110, 135, 136, 137, 138, 139, 140, 141, 142, 144, 160, 167, 168, 169, 170, 171, 178, 179, 180, 181, 183, 184, 186, 205, 206, 207, 240, 303, 326, 329, 347, 354, 355, 363, 381, 400, 401, 402, 403, 404, 405, 407, 408, 409, 410, 411, 417, 419, 422, 427, 448, 449, 503, 504, 506, 507, 508, 509, 510, 511, 512, 514, 515, 517, 518, 519, 522, 523, 524, 525, 526, 527, 528, 529, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 601, 602, 603, 604, 605 and 608⁷.

In 2003, a lead hazard management program plan was approved for implementation at Fort McPherson. In that plan, buildings were prioritized for lead hazard assessments by date of construction. Buildings assessments have not included soil sampling for potential contamination.

⁶ Buildings listed here and in the Environmental Protection Provisions (Enclosure 11) were constructed prior to 1989 and are presumed to contain ACM. Table 4 (Enclosure 7) lists buildings where samples that tested positive for asbestos were collected.

⁷ The listed buildings were constructed prior to 1978 and are presumed to contain LBP. Table 5 (Enclosure 8) lists data for buildings that were sampled for lead.

Surface dust sampling was conducted in family housing to assess lead concentration in dust. Sampling surveys were conducted for 102 residential units at Fort McPherson in 1994, 1997 and 2002. Of the 102 units tested, 34 had at least one sample that exceeded the USEPA limits for a lead-dust hazard. No records were located which documented follow up surveys conducted by the facility. No documentation of surface dust sampling was found for nine residential buildings (Buildings 20, 22, 27, 28, 168, 475, 476, 512, and 525) constructed prior to 1978.

Partial LBP abatement was conducted in Family Housing Quarters 3 and 4 in 1996, 11W in 2003 to 2004 and 15W in 2001.

See 1994, 1997 and 2002 lead survey reports for additional information. A portion of the Property was used for residential purposes and the transferee intends to use a portion of the property for residential purposes in the future. MILRA is in the process of identifying which residential buildings it intends to use as residential in the future. Once that is determined, the Army will perform a LBP risk assessment in accordance with the Lead-Based Paint Guidelines for Disposal of Department of Defense Residential Real Property – A Field Guide. Existing LBP survey information is summarized in Table 5 – Lead-Based Paint (Enclosure 8). The deed will include a lead-based paint warning and covenant (Enclosure 11).

4.7 Radiological Materials

The following buildings were used for radiological activities: 179 and 180.

- 179 – Functioned as the Inspector General’s Office and was formerly a laboratory and education center. Historic operations utilized various check sources, including 300 milliCuries of tritium and iodine-125.
- 180 – Functioned as a U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) office but it formerly housed a U.S. Army medical laboratory. Operations at the medical laboratory utilized a 10 milliCurie radium-226 (226Ra) source for the calibration of a liquid scintillation counter.

The results of the characterization survey conducted in 2009 indicated that these areas did not exceed the applicable regulatory criteria. Therefore, no remedial actions were required in any of the areas investigated. See *Final Characterization Survey Report, Fort McPherson, East Point, Georgia* (Cabrera Services, 2009).

A final status survey was conducted in 2010 at the sites having radiological activities and the survey concluded that these areas were suitable for unrestricted use. See: *Final Status Survey Report, Fort McPherson – Radiological Site Characterizations in Support of the Phase II Environmental Condition of Property for Selected Base Realignment and Closure Installations, East Point, Georgia* (Cabrera Services, 2010).

4.8 Radon

According to the USEPA's categorization of radon zones, Fulton County, Georgia is qualified as a radon Zone 1, meaning that it has a predicted average indoor radon screening level greater than 4 picocuries per liter (pCi/L). The USEPA's action level for radon is 4 pCi/L.

A radon survey was conducted by Tech/Ops Landauer, Inc. for priority buildings at Fort McPherson in 1990. This survey included the Child Development Center and Health Clinic (U.S. Department of Army, 1990). In January 1999, a radon survey was conducted by Radon Georgia for the Building 200 basement. Radon was not detected above the USEPA residential action level of 4 pCi/L in these buildings. No other information regarding building surveys for radon at Fort McPherson was available.

4.9 Munitions and Explosives of Concern (MEC)

Based on a review of existing records and available information, there was evidence that Munitions and Explosives of Concern (MEC) may be present on the Property. The Property was previously used for munitions storage and artillery use. The term "MEC" means military munitions that may pose unique explosives safety risks, including: (A) unexploded ordnance (UXO), as defined in 10 United States Code (U.S.C.) §101(e)(5); (B) discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (C) munitions constituents (*e.g.*, 2,4,6-trinitrotoluene [TNT], hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]), as defined in 10 U.S.C. §2710(e)(3), present in concentrations high enough to pose an explosive hazard.

The MEC-related sites on the Property are as follows:

- **Atlanta National Guard (NG) Target Range** – The Atlanta NG Target Range is located on what was the golf course in the lower southwest corner of Fort McPherson. The range comprised approximately 134 acres. The boundaries of the range were approximated based on topographic features and the known use. Historical maps show a berm at the south end of the range; however, no documentation was located regarding the status/removal of the berm. The NG property included some barracks and the Atlanta NG Rifle Range. Artillery training was reported as an historical use of the range from 1914 to 1918 (Malcolm Pirnie, 2002).

The Phase 3 Range Inventory originally reported that two World War I artillery shells were uncovered near the 17th fairway, one during installation of a drainage system in 1985 and one during maintenance operations on the golf course in 1989 (Malcolm Pirnie, 2002). Additional information provided by the Post Civil Engineer indicated that the artillery rounds were actually found at the Munitions Site (personal communication, Mike Hutt, October 4-5, 2005). See discussion below. The Atlanta NG Target Range is a closed range and the former range land has been put to a use that is incompatible with range activities (golf course; Malcolm Pirnie, 2006).

The 2007 SI reported that no documentation concerning previous investigations or sampling was located (Shaw Environmental, 2009).

- **Munitions Site** – The Munitions site is located in the southwest corner of the Atlanta NG Target Area footprint. The site is south of an asphalt parking lot (formerly the golf course maintenance compound) and west of the Fort McPherson Range. According to the Post Engineer, the two artillery shells reported in the Phase 3 Range Inventory as found in the Atlanta NG Target Area were unexpended and were actually found in the southwest corner of the installation (personal communication, Mike Hutt, October 4-5, 2005). The shells were two inches in diameter and 16 inches long. The Munitions Site comprises 0.021 acre and includes only the area where the shells were found. No historical evidence exists to suggest that this area was used as an artillery range.

A 2013 Probability Assessment prepared by the Explosives Safety Division of the USACE-Baltimore District (USACE, 2013) evaluated the potential for MEC encounters to impact the suitability to transfer Fort McPherson excess property to the MILRA. The Probability Assessment concluded that the potential of encountering MEC during soil disturbance activities on the installation is extremely low to non-existent. This conclusion is based on the following: (1) The Atlanta NG Target Range did not have sufficient area to support the firing of even the smallest types of artillery (37 mm); (2) There is no evidence that accurately describes the items found as live munitions or munitions debris/scrap; and (3) The Army has conducted numerous soil disturbance activities with no occurrence of MEC or range residue encounters. USACE considers it likely that the two MEC items were transported from another site (possibly the local EOD training library) and discarded at the locations found.

- **Magazine Buildings 63, 64, 65 and 66** – Four magazines located south of Building 422 (gymnasium), east of Hole 7 and northwest of Lake No. 2 were constructed in 1938. The magazines were demolished in 1993. The magazines were used for the storage of small arms (Building 63), chemical munitions⁸ (Building 64), pyrotechnics (Building 65) and TNT and dynamite (Building 66). A Post history book mentioned an Ammunition Dump that was constructed in 1938 and located behind Building 422. The term “ammunition dump” was historically used to describe ammunition storage areas. It is likely that the Ammunition Dump is the same as Magazine Buildings 63, 64, 65, and 66 (Malcolm Pirnie, 2006). There is no evidence of a release.

A summary of MEC discovered on the property is provided in Table 6 – Notification of Munitions and Explosives of Concern (Enclosure 9).

4.10 Other Property Conditions

The following conditions also exist on the Property:

⁸ A War Department memorandum dated September 18, 1935 stated that two standard post black powder magazines were to be constructed (1) for storage of TNT blocks and dynamite and (1) for storage of saluting charges. Two standard post magazines were to be constructed (1) for storage of pyrotechnics and chemical grenades and (1) for storage of small arms ammunition (Malcolm Pirnie, 2006).

- **Atlanta NG Rifle Range** – The Atlanta NG Rifle Range was established within the Atlanta NG Target Range and operated from approximately 1910 to 1952. The rifle range was approximately 150 feet wide and 3,000 feet long (approximately 10 acres). It ran in a southerly direction from near the 17th hole of the former golf course to the location of the Fort McPherson Range (FTMP-12). The hilly terrain at the southern end of the range provided a safety buffer. The rifle range was decommissioned as a range around the time of the Korean War and in 1954 was converted to a nine-hole golf course for use by Army personnel. The golf course was expanded into an 18-hole golf course in 1965.

According to historical information, rifles and other small arms were used on the Atlanta NG Rifle Range from 1910 to 1952. Since the Atlanta NG Rifle Range was established on the Atlanta NG Target Range, artillery was included as a past use. The Atlanta NG Rifle Range is considered a closed range because it has been put to a use (golf course) that is incompatible with range activities. Potential munitions used at the Atlanta NG Rifle Range include .22-, .30-, .38-, .40- and .45 caliber ammunition. Archival correspondence dated 1934 stated that the range was declared unsafe for the use of M1 ammunition due to its close proximity to dwellings and other buildings within the range of accidental shots. The use of any ammunition of greater range or velocity than the .30-caliber M1906 was forbidden. Because the Atlanta NG Rifle Range was used for small arms training, no MEC is specifically associated with the range (Malcolm Pirnie, 2006).

The 2007 SI reported that no documentation concerning previous investigations or sampling was located (Shaw Environmental, 2009). The 2007 SI included 10 surface soil samples screened for lead using XRF. Samples were collected from the former berm location and from where the berm was likely to have been spread during golf course construction. Lead concentrations in soil samples were below both the 200 mg/kg screening value and background in all samples. The SI recommended NFA.

- **300-Yard Target Range** – The 300-Yard Target Range was located in the central section of Fort McPherson. The former range occupied approximately 0.4 acre, was located south of Building 243 and ran west overlapping Thorne Avenue to the south of Gammon Field. The land that housed the former 300-Yard Target Range included the south end of Building 243. The former 300-Yard Target Range was identified as a result of the research conducted for the Historical Records Review (HRR) and corroborating information from the installation's historian. The former range was shown on 1900s and 1910s era maps. The range does not appear on maps after 1918. Munitions use at the former 300-Yard Target Range was limited to small arms ammunition with the direction of fire from east to west into a berm as shown on a 1905 map. No documentation was located regarding the status/removal of the berm. Potential munitions used at the 300-Yard Target Range include .22-, .30-, .38-, .45-caliber and 9 millimeter (mm) ammunition. Because the 300-Yard Target Range was used for small arms training, no MEC is associated with the range (Malcolm Pirnie, 2006). The area where the former 300-Yard Target Range existed has been

extensively redeveloped into a recreation area with pavement covering a portion of the range.

- **Pistol Range**

Description: The former Pistol Range was identified as a result of the research conducted for the HRR and corroborating information from the installation historian. The former range covered 0.04 acre and was located in the north central portion of Fort McPherson (north of Magazine Building 51 and west of Hedekin Field). The Pistol Range extended northeast in a thin strip beginning from east of the swimming pool to the south side of Buildings 508 and 509. The former range was shown on 1905 and 1914 site maps and was located in approximately the same location as existing Building 508. Based on historical documents and site topography, the firing direction was determined to be to the northwest (Shaw Environmental, 2009). The years of operation of the range are unknown although it is known that munitions use at the pistol range was limited to small arms ammunition. Potential munitions used at the Pistol Range include .22-, .32-, .38-, .45-caliber and 9 mm ammunition. Because the Pistol Range was used for small arms training, no MEC is associated with the range (Malcolm Pirnie, 2006).

Previous Investigations: The 2007 SI reported that no documentation concerning previous investigations or sampling was located (Shaw Environmental, 2009). The SI included 15 surface soil samples that were field-screened for lead using XRF. The sample results were compared to the screening value for lead of 200 mg/kg and the background value of 99.9 mg/kg. Lead detected in surface soil samples using XRF were below the referenced screening values. The SI recommended NFA.

Current Status: The Army has determined that there is no unreasonable risk to human health and the environment from lead at the former Pistol Range.

- **Magazine Building 51** – One operational magazine located just west of Hedekin Field was first shown on a 1904 installation map. An archival memorandum dated 1935 described the site as three small magazines, one brick and two corrugated iron, located in the woods just west of officers' apartments in Building 27. These buildings were used principally for the storage of small arms ammunition, saluting charges and components. Magazine Building 51 was located to the west of Building 27 on maps dated 1904 through 1943. An archival memo dated July 1935 stated that the buildings were poorly located and new magazines needed to be constructed in a part of the Post removed from the inhabited area. From at least 2001 through Post closure, blanks for use during Hedekin Field ceremonial events were stored in the magazine. There is no evidence of a release.

There are no other hazardous conditions on the Property that present an unacceptable risk to human health and the environment.

5.0 ADJACENT PROPERTY CONDITIONS

The following other potentially hazardous conditions exist on the Property. There are six environmental remediation sites located at Fort McPherson on property that will transfer to the MILRA under a Finding of Suitability for Early Transfer (FOSET). These sites have impacted the soil and/or groundwater quality of the Property and are being addressed under the IRP.

FTMP-06, Incinerator Ash Disposal Site
FTMP-13, Building 209/312 Dry Cleaning Facility (encompassing IRP Sites FTMP-01,
Building 363 Paint Shop and FTMP-11, Army Parking Lot)
FTMP-14, Crematory Site
FTMP-15, Water Tower Site
FTMP-004-R-01, Trap and Skeet Range

The presence of these hazards on adjacent property does not present an unacceptable risk to human health and the environment because removal actions have been completed, are underway or are planned at FTMP-06, FTMP-14 and FTMP-004-R-01. Additional remedial investigation (RI) is underway at FTMP-13 which, coupled with an expanded site footprint, is expected to be protective of human health and the environment. The locations of the IRP sites are shown on Figure 2 – Environmental Sites Map (Enclosure 1).

6.0 ENVIRONMENTAL REMEDIATION AGREEMENTS

There are no environmental remediation orders or agreements applicable to the property being transferred. The deed will include a provision reserving the Army's right to conduct remediation activities if necessary in the future (Enclosure 10).

7.0 REGULATORY/PUBLIC COORDINATION

The GAEPD and the public were notified of the initiation of this FOST. No public comments were received during the public comment period. Regulatory comments were reviewed and incorporated, as appropriate. A copy of the regulatory comments and the Army response is included in the Responsiveness Summary at Enclosure 12.


8.0 NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) COMPLIANCE

The environmental impacts associated with the proposed transfer of the Property have been analyzed in accordance with the National Environmental Policy Act (NEPA). The results of this analysis are documented in the *Environmental Impact Statement for Disposal and Reuse of Fort McPherson, Georgia*, November 2010 and the *Record of Decision*, March 2011. There were no encumbrances or conditions identified in the NEPA analysis as necessary to protect human health or the environment.

9.0 FINDING OF SUITABILITY TO TRANSFER

Based on the above information, I conclude that all removal or remedial actions necessary to protect human health and the environment have been taken and that the Property is

transferable under CERCLA Section 120(h)(3). In addition, all DOD requirements to reach a Finding of Suitability to Transfer have been met, subject to the terms and conditions set forth in the attached EPP that shall be included in the deed for the Property. The deed will also include the CERCLA 120(h)(3) Notice, Covenant, and Access Provisions and Other Deed Provisions. Finally, the hazardous substance notification (Enclosure 5, Table 2) shall be included in the deed as required under the CERCLA Section 120(h) and DOD FOST Guidance.

 NOV 18 2013
WILLIAM J. O'DONNELL, II
Chief, Reserve, Industrial and Medical Branch
Army Base Realignment and Closure Division

11 Enclosures

- Encl 1 – Figures
- Encl 2 – Boundary Survey
- Encl 3 – Environmental Documentation
- Encl 4 – Table 1 – Description of Property
- Encl 5 – Table 2 – Notification of Hazardous Substance Storage, Release or Disposal
- Encl 6 – Table 3 – Notification of Petroleum Product Storage, Release or Disposal
- Encl 7 – Table 4 – Asbestos-Containing Material
- Encl 8 – Table 5 – Lead-Based Paint
- Encl 9 – Table 6 – Notification of Munitions and Explosives of Concern (MEC)
- Encl 10 – CERCLA Notice, Covenant, and Access Provisions and Other Deed Provisions
- Encl 11 – Environmental Protection Provisions
- Encl 12 – Responsiveness Summary

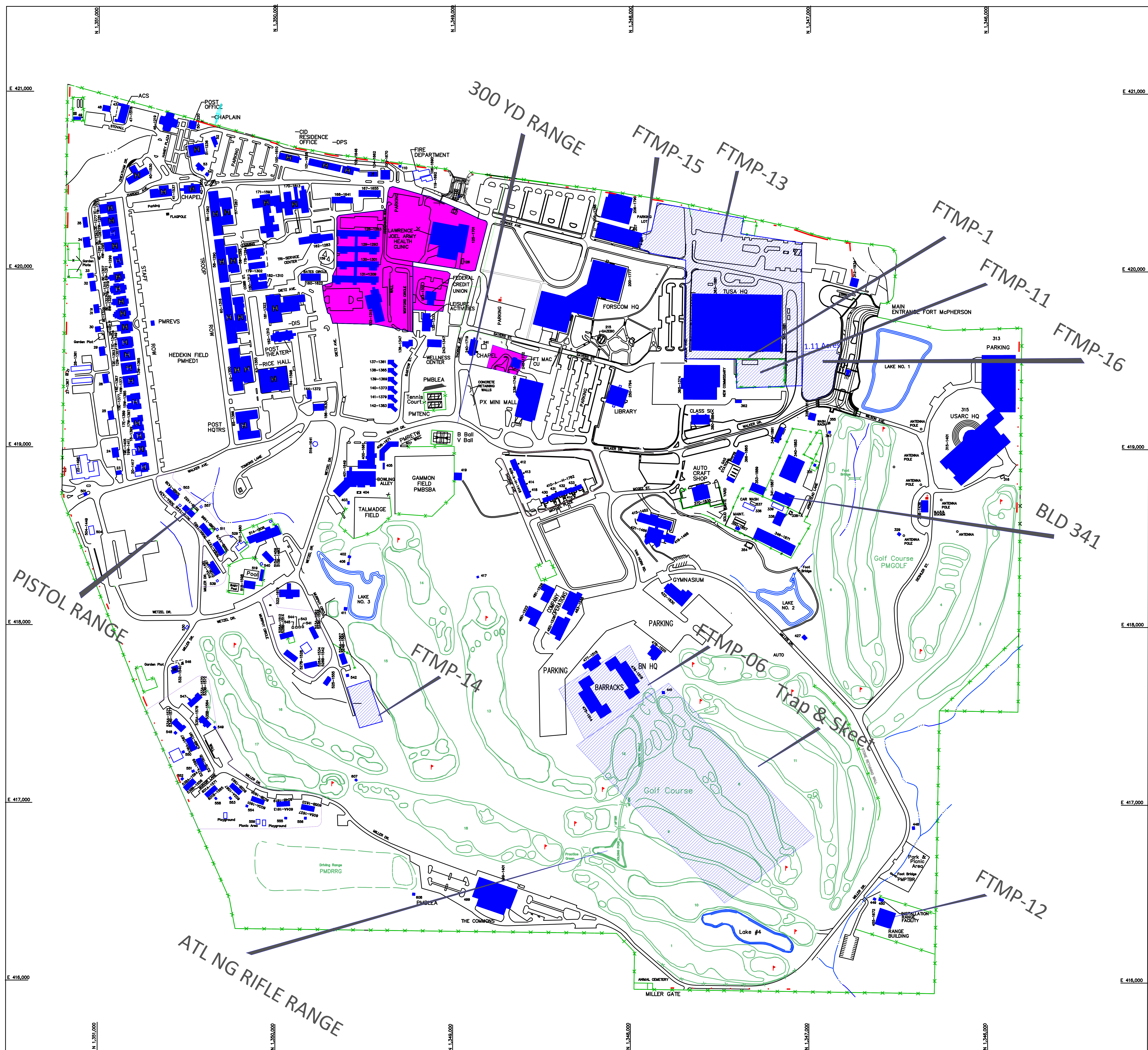
ENCLOSURE 1

FIGURES

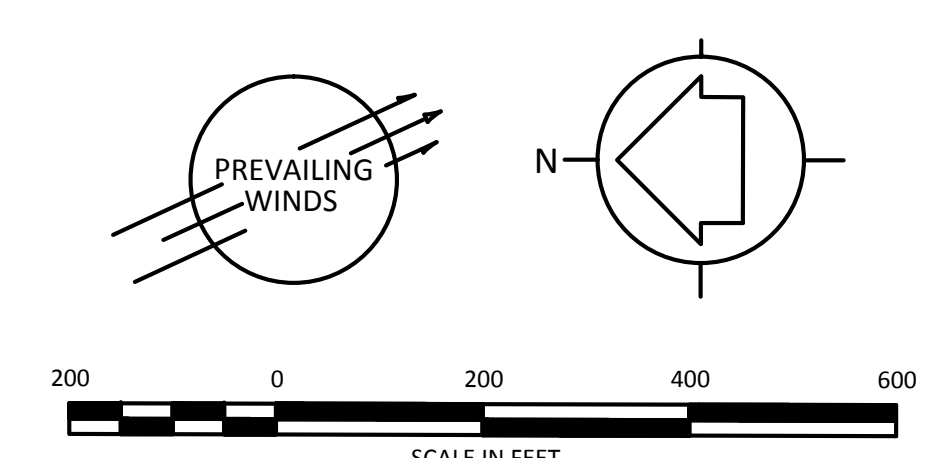


FIGURE 1

**LOCATION MAP
FORT MCPHERSON, ATLANTA, GEORGIA**



- CONVEYED PROPERTY
- FOST
- IRP
- DENOTES STRUCTURES WITHIN HISTORIC DISTRICT
- BUILDING, PERMANENT
- BUILDING, SEMI-PERMANENT
- BUILDING, TEMPORARY
- ROADS AND PARKING
- TRAIL OR EARTH ROAD
- RAILROAD
- FENCE
- RESERVATION BOUNDARY
- RIGHT OF WAY OR EASEMENT
- GOLF FAIRWAY W/IDENTITY NUMBER
- GOLF GREEN AND TEE
- DRAINAGE DITCH
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSION
- SPOT ELEVATION
- FLOOD LINE (100 YEAR)
- SIGHT & SOUND BARRIER



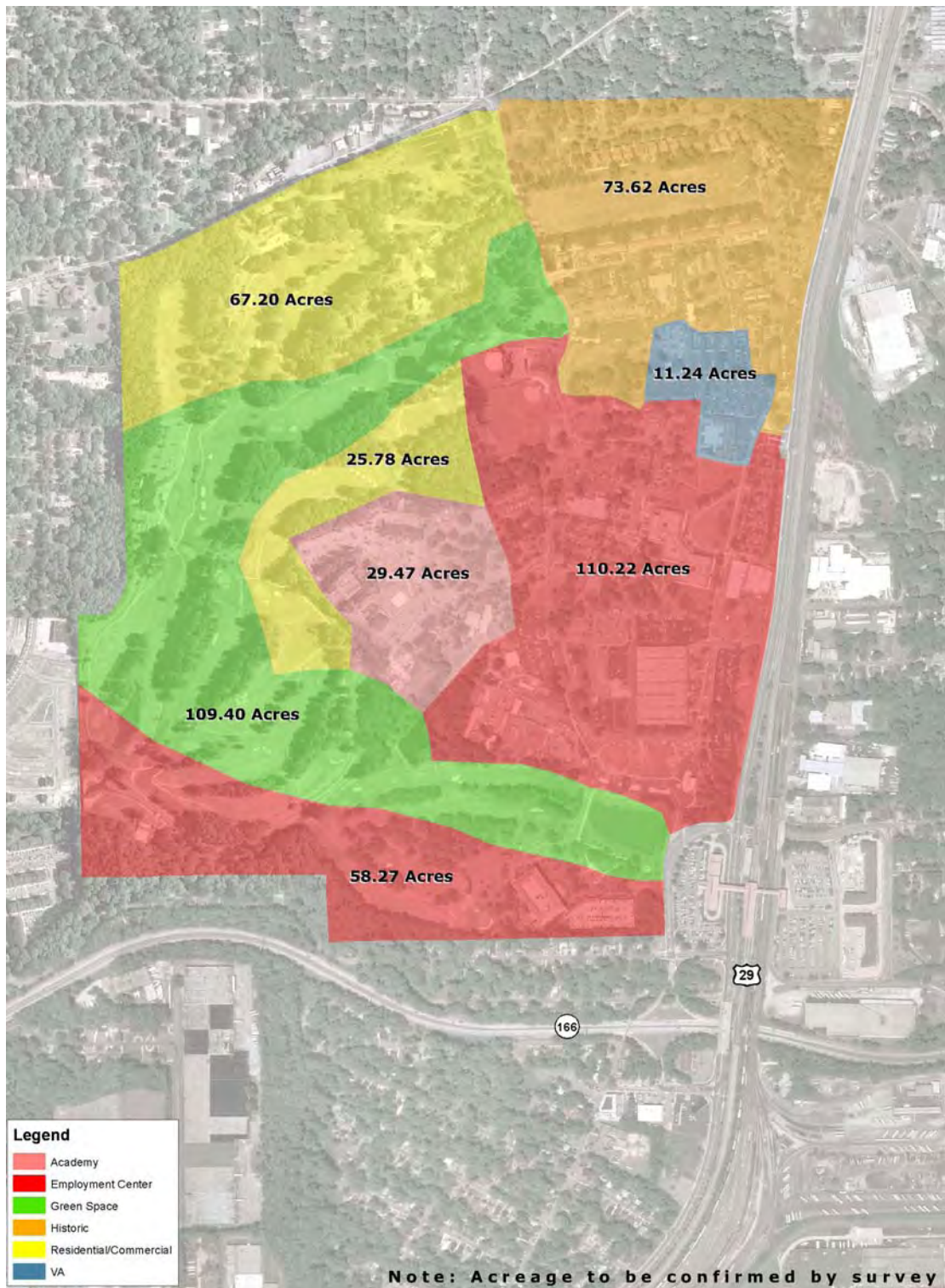
1000' GRID BASED ON GEORGIA STATE PLANE COORDINATE SYSTEM, WEST ZONE, TRANSVERSE MERCATOR PROJECTION

REV. NO.	DATE	DESCRIPTION	BY
1	10/01/2013		J. Futrelle

ACSIM-DAIM-ODB BRAC FORT MCPHERSON, GEORGIA	U.S. ARMY BRAC, FORT MCPHERSON CARETAKER FT. MCPHERSON, GA.
--	---

FORT MCPHERSON		
ENVIRONMENTAL SITES MAP		
Figure 2		

DRAWING NO. 18-02-03	DATE FEB. 28, 2013	SHEET NO. 1 OF 1
----------------------	--------------------	------------------



Source: Amended Land Use Plan, October 2012 (Jacobs Engineering Group, 2012)

FIGURE 3
 CONCEPTUAL MASTER PLAN
 FORT MCPHERSON, ATLANTA, GEORGIA

ENCLOSURE 2
BOUNDARY SURVEY

LEGAL DESCRIPTION - PERIMETER BASE BOUNDARY

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 121, 135, 136, 153, 154 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A BRASS DISK IN WALL FOUND AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE LINE DIVIDING LAND LOTS 120 AND 121, SAID POINT BEING THE POINT OF BEGINNING;

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 144.05 FEET (SAID CURVE HAVING A RADIUS OF 8972.02 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 15 DEGREES 12 MINUTES 44 SECONDS WEST, 144.05 FEET) TO A POINT, 0.35 FEET EAST OF CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 15 DEGREES 29 MINUTES 30 SECONDS WEST, 1,228.35 FEET TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 491.08 FEET (SAID CURVE HAVING A RADIUS OF 3,394.00 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 11 DEGREES 20 MINUTES 59 SECONDS WEST, 490.83 FEET) TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 07 DEGREES 12 MINUTES 17 SECONDS WEST, 1,437.54 FEET TO A POINT; 38 FEET WEST OF A BRASS DISK IN FACE OF WALL FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 332.89 FEET (SAID CURVE HAVING A RADIUS OF 3,195.00 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 10 DEGREES 10 MINUTES 26 SECONDS WEST, 332.45 FEET) TO A POINT, 0.47 FEET WEST OF A CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 13 DEGREES 06 MINUTES 39 SECONDS WEST, 789.09 FEET TO A POINT, 0.85 FEET WEST OF A CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 206.88 FEET (SAID CURVE HAVING A RADIUS OF 2,044.00 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 10 DEGREES 10 MINUTES 26 SECONDS WEST, 206.77 FEET) TO A POINT, 1.45 FEET WEST OF A CONCRETE MONUMENT FOUND (DISTURBED);

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 07 DEGREES 16 MINUTES 18 SECONDS WEST, 197.81 FEET TO A BRASS DISK IN SIDEWALK FOUND; AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE NORTHERLY RIGHT OF WAY LINE OF ASTOR AVENUE (RIGHT OF WAY WIDTH VARIES);

THENCE ALONG THE NORTHERLY RIGHT OF WAY LINE OF ASTOR AVENUE, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 69.77 FEET (SAID CURVE HAVING A RADIUS OF 63.50 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 51 DEGREES 35 MINUTES 47 SECONDS WEST, 68.31 FEET) TO A POINT 0.82 FEET SOUTH OF CONCRETE MONUMENT FOUND (DISTURBED);

THENCE CONTINUING ALONG THE NORTHERLY RIGHT OF WAY LINE OF ASTOR AVENUE, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 47.82 FEET (SAID CURVE HAVING A RADIUS OF 193.50 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 89 DEGREES 40 MINUTES 52 SECONDS WEST, 47.40 FEET) TO A POINT, 2.03 FEET SOUTH OF A CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE NORTHERLY RIGHT OF WAY LINE OF ASTOR AVENUE, NORTH 82 DEGREES 38 MINUTES 47 SECONDS WEST, 24.11 FEET TO A POINT, 0.55 FEET SOUTH OF A CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE NORTHERLY RIGHT OF WAY LINE OF ASTOR AVENUE, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 123.70 FEET (SAID CURVE HAVING A RADIUS OF 305.50 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 85 DEGREES 39 MINUTES 25 SECONDS WEST, 122.86 FEET) TO A POINT, 0.34 FEET SOUTH OF A CONCRETE MONUMENT FOUND;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 117.40 FEET (SAID CURVE HAVING A RADIUS OF 58.50 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 48 DEGREES 14 MINUTES 18 SECONDS WEST, 98.87 FEET) TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA"), SAID POINT BEING LOCATED AT THE INTERSECTION OF THE NORTHERLY RIGHT OF WAY LINE OF ASTOR AVENUE AND THE EASTERLY RIGHT OF WAY LINE OF HARDEE AVENUE;

THENCE ALONG THE EASTERLY RIGHT OF WAY LINE OF HARDEE AVENUE, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 19.35 FEET (SAID CURVE HAVING A RADIUS OF 218.50 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 12 DEGREES 18 MINUTES 56 SECONDS EAST, 19.34 FEET) TO A POINT, 2.26 FEET NORTH-WEST OF A CONCRETE MONUMENT FOUND (DISTURBED);

THENCE CROSSING HARDEE AVENUE, NORTH 75 DEGREES 08 MINUTES 32 SECONDS WEST, 61.00 FEET TO A CONCRETE RW MONUMENT FOUND ON THE WESTERLY RIGHT OF WAY LINE OF HARDEE AVENUE;

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF HARDEE AVENUE AND MERGING INTO THE WESTERLY RIGHT OF WAY LINE OF ASTOR AVENUE, SOUTH 14 DEGREES 50 MINUTES 26 SECONDS WEST, 327.00 FEET TO A CONCRETE RW MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF ASTOR AVENUE, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 88.42 FEET (SAID CURVE HAVING A RADIUS OF 305.50 FEET AND BEING SUSTAINED BY A CHORD OF SOUTH 05 DEGREES 59 MINUTES 46 SECONDS WEST, 88.11 FEET) TO A CONCRETE RW MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF ASTOR AVENUE, SOUTH 01 DEGREE 46 MINUTES 35 SECONDS EAST, 401.41 FEET TO A CONCRETE RW MONUMENT FOUND;

THENCE NORTH 89 DEGREES 35 MINUTES 14 SECONDS WEST 2,165.07 FEET TO A POINT, 0.05' WEST OF A CONCRETE MONUMENT FOUND; SAID POINT BEING ON THE LINE DIVIDING LAND LOTS 135 AND 154;

THENCE CONTINUING ALONG THE LINE DIVIDING LAND LOTS 135 AND 154, NORTH 00 DEGREES 20 MINUTES 07 SECONDS EAST, 434.21 FEET TO A CONCRETE MONUMENT FOUND;

THENCE LEAVING SAID LAND LOT LINE, NORTH 88 DEGREES 57 MINUTES 36 SECONDS WEST, 1,598.21 FEET TO A NAIL IN CONCRETE MONUMENT FOUND;

THENCE NORTH 01 DEGREE 07 MINUTES 58 SECONDS EAST, 1,880.69 FEET TO A NAIL IN CONCRETE MONUMENT FOUND ON THE LINE DIVIDING LAND LOTS 153 AND 154;

THENCE CONTINUING ALONG THE LINE DIVIDING LAND LOTS 153 AND 154, SOUTH 89 DEGREES 05 MINUTES 36 SECONDS EAST, 303.73 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE LEAVING SAID LAND LOT LINE, NORTH 00 DEGREES 33 MINUTES 37 SECONDS EAST, 2,252.14 FEET TO A NAIL IN CONCRETE MONUMENT FOUND ON THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD (APPARENT 40 FOOT RIGHT OF WAY WIDTH IN THIS AREA);

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, NORTH 76 DEGREES 40 MINUTES 02 SECONDS EAST, 98.10 FEET TO A POINT;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 137.12 FEET, (SAID CURVE HAVING A RADIUS OF 660.00 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 72 DEGREES 42 MINUTES 57 SECONDS EAST, 136.87 FEET) TO A POINT;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, NORTH 86 DEGREES 45 MINUTES 51 SECONDS EAST, 82.49 FEET TO A POINT;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 62.59 FEET, (SAID CURVE HAVING A RADIUS OF 2,550.00 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 66 DEGREES 03 MINUTES 06 SECONDS EAST, 62.59 FEET) TO A POINT;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, NORTH 65 DEGREES 20 MINUTES 28 SECONDS EAST, 598.68 FEET TO A POINT;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 34.40 FEET, (SAID CURVE HAVING A RADIUS OF 4,980.00 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 85 DEGREES 32 MINUTES 20 SECONDS EAST, 34.40 FEET) TO A POINT;

THENCE NORTH 85 DEGREES 44 MINUTES 13 SECONDS EAST, 412.33 FEET TO A CONCRETE MONUMENT FOUND AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD AND THE LINE DIVIDING LAND LOTS 153 AND 136;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 48.61 FEET, (SAID CURVE HAVING A RADIUS OF 705.50 FEET AND BEING SUSTAINED BY A CHORD OF NORTH 67 DEGREES 42 MINUTES 39 SECONDS EAST, 48.60 FEET) TO A POINT;

THENCE CONTINUING ALONG THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, NORTH 66 DEGREES 41 MINUTES 05 SECONDS EAST, 1,229.11 FEET TO A "X" SCRIBED IN CONCRETE AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD AND THE LINE DIVIDING LAND LOTS 136 AND 137;

THENCE LEAVING THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE LINE DIVIDING LAND LOTS 136 AND 137, SOUTH 89 DEGREES 29 MINUTES 12 SECONDS EAST, 424.00 FEET TO A 1/2" CRIMP TOP PIPE FOUND;

THENCE CONTINUING ALONG THE LINE DIVIDING LAND LOTS 136 AND 137, AND THE LINE DIVIDING LAND LOTS 120 AND 121, SOUTH 89 DEGREES 08 MINUTES 09 SECONDS EAST, 1,880.63 FEET TO THE POINT OF BEGINNING;

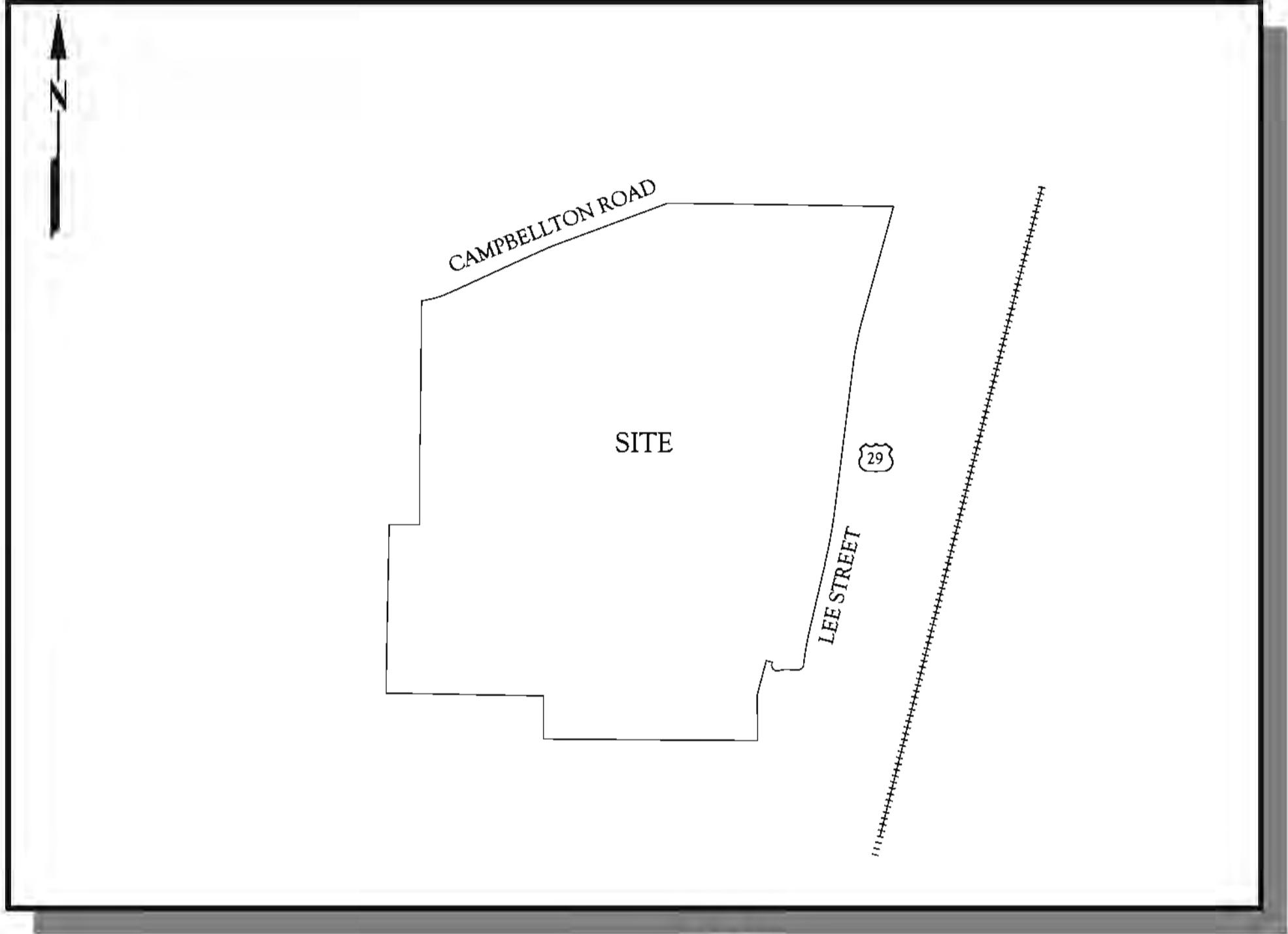
SAID TRACT OR PARCEL OF LAND CONTAINING 496.3330 ACRES (21,184,666 SQUARE FEET).

LESS AND EXCEPT THE FOLLOWING OUT PARCELS AND EXCLUDED PARCELS:

VETERANS ADMINISTRATION PARCEL: 10.1053 ACRES (440,187 SQ. FT.) SEE SHEET 3
FORT McPHERSON CREDIT UNION PARCEL: 0.4846 ACRES (21,108 SQ. FT.) SEE SHEET 3
ASSOCIATED CREDIT UNION PARCEL: 0.7876 ACRES (34,307 SQ. FT.) SEE SHEET 3
PARCEL #FTMP-06: 4.0355 ACRES (176,659 SQ. FT.) SEE SHEET 4
TRAP AND SKEET PARCEL: 17.4684 (760,923 SQ. FT.) SEE SHEET 4
PARCEL #FTMP-13: 14.8446 (646,633 SQ. FT.) SEE SHEET 5
PROPOSED F.O.S.E.T. PARCEL: 1.1037 (48,078 SQ. FT.) SEE SHEET 5
PARCEL #FTMP-14: 0.8688 ACRES (37,845 SQ. FT.) SEE SHEET 6

NET AREA= 436.6145 ACRES (19,018,926 SQ. FT.)

BOUNDARY SURVEY FOR McPHERSON IMPLEMENTING LOCAL REDEVELOPMENT AUTHORITY LAND LOTS 121, 135, 136, 153, 154, 14TH DISTRICT (CITY OF ATLANTA), FULTON COUNTY, GEORGIA



VICINITY MAP NOT TO SCALE

SURVEYOR'S CERTIFICATION TO: McPHERSON IMPLEMENTING LOCAL REDEVELOPMENT AUTHORITY THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH GEORGIA PLAT LAW AND MINIMUM TECHNICAL STANDARD (MTS). THE FIELD WORK WAS COMPLETED IN JUNE, 2013. Keith R. Seiler, Surveyor Signature and Date 7-8-13

SURVEYOR'S NOTES 1. A TOPCON 233 TOTAL STATION AND A TRIMBLE 5700 GPS RECEIVER WERE USED TO OBTAIN THE ANGULAR AND LINEAR MEASUREMENTS FOR THIS SURVEY. 2. THE FIELD DATA UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 52, 240 FEET, AN ANGULAR ERROR OF 01 SECONDS PER ANGLE POINT, AND WAS NOT ADJUSTED. 3. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND FOUND TO BE ACCURATE WITHIN: PERIMETER BASE BOUNDARY: ONE FOOT IN 784,987 FEET. VA PARCEL: ONE FOOT IN 776,018 FEET. McPHERSON CREDIT UNION PARCEL: ONE FOOT IN 121,885 FEET ASSOCIATED CREDIT UNION PARCEL: ONE FOOT IN 171,852 FEET PARCEL #FTMP-06: ONE FOOT IN 332,208 FEET TRAP & SKEET PARCEL: ONE FOOT IN 1,228,186 FEET PARCEL #FTMP-13: ONE FOOT IN 606,781 FEET PARCEL #FTMP-14: ONE FOOT IN 187,350 FEET 4. THE HORIZONTAL DATUM IS THE NORTH AMERICAN DATUM OF 1983 READJUSTED IN 2011 (NAD83 (2011)), AND WAS DERIVED USING THE GPS VRS CORRS NETWORK. 5. "IPS" INDICATES 1/2" REBAR AND SURVEYOR'S CAP SET STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA". "PK" INDICATES A P, K, NAIL SET IN ASPHALT OR CONCRETE. "XS" INDICATES "X" SCRIBED IN CONCRETE.

SURVEYOR'S REFERENCES 1. "THE FORT McPHERSON STORY; 1885-1963" (FROM MILRA WEBSITE) 2. SITE PLANS AND AUDIT MAPS OF FORT McPHERSON MILITARY RESERVATION AND CAMP JESUP, DATED 1905, 1914, 1917, 1918, 1949AND 1943 (FURNISHED BY CLIENT AND ASCE). 3. BOUNDARY SURVEY FOR VETERANS AFFAIRS MEDICAL CENTER, FT. McPHERSON, PREPARED BY AGR ENGINEERING, INC., DATED OCTOBER 29, 2009 (UNRECORDED-FURNISHED BY CLIENT) 4. SURVEY FOR ASSOCIATED CREDIT UNION, PREPARED BY ADAM & LEE SURVEYING, DATED SEPTEMBER 14, 2010 (UNRECORDED-FURNISHED BY CLIENT) 5. SURVEY FOR FORT McPHERSON CREDIT UNION, PREPARED BY ADAM & LEE SURVEYING, DATED JANUARY 21, 2011 (UNRECORDED-FURNISHED BY CLIENT).

STATEMENT OF ENCROACHMENTS A EXISTING SECURITY FENCE ALONG CAMPBELLTON ROAD ENCROACHES ON APPARENT 40 FOOT RIGHT OF WAY FOR APPROXIMATELY 365 L.F. (0.8 TO 0.9 ENCROACHMENT). HOWEVER, IT IS NOTED THAT NO RIGHT OF WAY GRANT BY THE UNITED STATES OF AMERICA HAS BEEN FOUND OR FURNISHED FOR CAMPBELLTON ROAD, EVEN THOUGH THE ROAD IS A PUBLIC STREET.

FLOOD NOTE: ACCORDING TO FEMA F.I.R.M. PANEL NUMBER 1312C0354E AND 1312C0355E EFFECTIVE DATE: JUNE 23, 1998 AND BY GRAPHIC PLOTTING ONLY, NO PORTION OF THIS PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AREA ZONE OF THE FLOOD INSURANCE RATE MAP FOR CITY OF ATLANTA, GA

- LEGEND FIRE HYDRANT (FH) WATER VALVE (WV) WATER METER (WM) LIGHT POLE (LP) POWER POLE (PP) ELECTRIC TRANSFORMER (XTMR) TELEPHONE PEDESTAL (TP) ELECTRIC METER (EM) CABLE TV PEDESTAL (CTV) SINGLE WING WIND CATCH BASIN (SWCB) SINGLE WING CATCH BASIN (SWCB) DROP INLET (DI) SANITARY SEWER MANHOLE (SSMH) JUNCTION BOX (JB) N/T = NOW OR FORMERLY DB = DEED BOOK PS = PLAT BOOK PD = PAGE FOUND REC = RECORDED CALC = CALCULATED P/L = PROPERTY LINE C/L = CENTERLINE CONC. = CONCRETE C/P = CONCRETE P/M = PAVEMENT MS = METAL SIGN WS = WOOD SIGN TSB = TRAFFIC SIGNAL BOX TSP = TRAFFIC SIGNAL POLE CS = SANITARY SEWER CLEANOUT C.A.P. = CONCRETE MONUMENT R/W = RIGHT-OF-WAY P = OVERHEAD POWER S = SANITARY SEWER LINE W = WATER LINE UG = UNDERGROUND TELEPHONE LG = UNDERGROUND GAS UE = UNDERGROUND ELECTRIC

SEILER & ASSOCIATES, INC. PROFESSIONAL SURVEYORS 124 ANDREW DRIVE • STOCKBRIDGE • GA 30281 • 678-565-9200 FIND US ON THE WEB AT WWW.SEILERSOC.COM

BOUNDARY SURVEY FOR FORT McPHERSON ATLANTA, GEORGIA

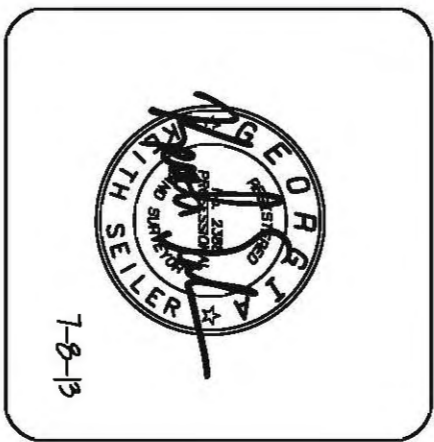


Table with columns: REVISIONS, NO., DESCRIPTION, DATE, BY, APPR. Includes a list of revisions for the 1st addendum and a title block with project details like 'FIELD BOOK PROJECT: PARCELS W/A LAND LOTS 121, 135, 136, 153, 154' and 'DRAWN: KS, BK, RB'.

Seiler & Associates, Inc. © Copyright 2013 THESE DRAWINGS AND THE REPRODUCTIONS ARE THE PROPERTY OF THE SURVEYOR AND MAY NOT BE REPRODUCED, PUBLISHED OR USED IN ANY WAY WITHOUT THE WRITTEN PERMISSION OF THIS SURVEYOR.



SHEET	DATE: JUNE 11, 2013	REVISIONS				
		NO.	DESCRIPTION	DATE	BY	APPR.
2	SCALE: HORIZ. 1"=200'	1	ADD PROP. F.O.S.E.T. PARCEL	7-8-13	KS	KS
	VERT.: N/A					
6	FIELD BOOK: PROJECT PAGE: N/A					
	DATE OF FIELD SURVEY: MAY 2013					
	LAND LOTS: 121, 135, 136, 153, 154					
	DISTRICT: 14TH					
	SECTION: N/A					
	COUNTY: FULTON (CITY OF ATLANTA)					
	SURVEYED: BM					
	DRAWN: KS, BK, KB					
	CHECKED: KS					
	APPROVED: KS					
PROJECT NO.: 13-016-G						
DWG NAME: 13016.100.001-1-E.dwg						



BOUNDARY SURVEY FOR
FORT McPHERSON
ATLANTA, GEORGIA

SEILER & ASSOCIATES, INC.
PROFESSIONAL SURVEYORS
124 ANDREW DRIVE • STOCKBRIDGE • GA 30281 • 678-565-9200
FIND US ON THE WEB AT WWW.SEILERASSOC.COM

LEGAL DESCRIPTION - VETERANS ADMINISTRATION PARCEL (OUT)

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 136 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS DISK IN WALL FOUND AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE LINE DIVIDING LAND LOTS 120 AND 121;

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 144.05 FEET (SAID CURVE HAVING A RADIUS OF 8972.02 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 15 DEGREES 12 MINUTES 44 SECONDS WEST, 144.05 FEET) TO A POINT, 0.35' EAST OF CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 15 DEGREES 29 MINUTES 30 SECONDS WEST, 1,028.98 FEET TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 491.06 FEET (SAID CURVE HAVING A RADIUS OF 3,304.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 22 MINUTES 59 SECONDS WEST, 490.83 FEET) TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 07 DEGREES 12 MINUTES 17 SECONDS WEST, 776.15 FEET TO A POINT;

THENCE LEAVING THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, NORTH 82 DEGREES 47 MINUTES 43 SECONDS WEST, 292.71 FEET TO A P.K. NAIL SET; SAID POINT BEING LOCATED NORTH 06 DEGREES 29 MINUTES 06 SECONDS EAST, 894.17 FEET FROM AN N.G.S. TRIANGULATION DISK STAMPED "FORT 1929";

THENCE NORTH 83 DEGREES 55 MINUTES 13 SECONDS WEST, 53.02 FEET TO A P.K. NAIL SET;

THENCE NORTH 76 DEGREES 35 MINUTES 07 SECONDS WEST, 56.08 FEET TO A P.K. NAIL SET;

THENCE NORTH 74 DEGREES 14 MINUTES 38 SECONDS WEST, 129.52 FEET TO AN "X" SCRIBED IN CONCRETE;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 83.81 FEET (SAID CURVE HAVING A RADIUS OF 45.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 33 DEGREES 37 MINUTES 09 SECONDS WEST, 58.80 FEET) TO A P.K. NAIL SET;

THENCE NORTH 07 DEGREES 00 MINUTES 20 SECONDS EAST, 301.55 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 89 DEGREES 58 MINUTES 54 SECONDS WEST, 373.00 FEET TO A P.K. NAIL SET;

THENCE NORTH 16 DEGREES 21 MINUTES 44 SECONDS EAST, 219.31 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 08 DEGREES 18 MINUTES 38 SECONDS EAST, 297.80 FEET TO A DRILL HOLE IN CONCRETE SET;

THENCE NORTH 77 DEGREES 44 MINUTES 43 SECONDS EAST, 157.48 FEET TO A DRILL HOLE IN CONCRETE SET;

THENCE SOUTH 11 DEGREES 23 MINUTES 49 SECONDS EAST, 59.02 FEET TO A DRILL HOLE IN CONCRETE SET;

THENCE NORTH 87 DEGREES 29 MINUTES 19 SECONDS EAST, 57.35 FEET TO A P.K. NAIL SET;

THENCE NORTH 82 DEGREES 37 MINUTES 17 SECONDS EAST, 48.75 FEET TO A P.K. NAIL SET;

THENCE NORTH 89 DEGREES 50 MINUTES 50 SECONDS EAST, 289.23 FEET TO A P.K. NAIL SET;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 36.34 FEET (SAID CURVE HAVING A RADIUS OF 25.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 48 DEGREES 30 MINUTES 49 SECONDS EAST, 33.22 FEET) TO A P.K. NAIL SET;

THENCE SOUTH 06 DEGREES 52 MINUTES 29 SECONDS EAST, 268.12 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE SOUTH 87 DEGREES 14 MINUTES 43 SECONDS EAST, 118.48 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 32.78 FEET (SAID CURVE HAVING A RADIUS OF 20.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 40 DEGREES 16 MINUTES 11 SECONDS EAST, 29.24 FEET) TO A P.K. NAIL SET;

THENCE SOUTH 06 DEGREES 42 MINUTES 21 SECONDS WEST, 80.58 FEET TO A P.K. NAIL SET;

THENCE SOUTH 19 DEGREES 28 MINUTES 52 SECONDS WEST, 116.70 FEET TO A P.K. NAIL SET;

THENCE SOUTH 28 DEGREES 21 MINUTES 22 SECONDS WEST, 239.57 FEET TO AN "X" SCRIBED IN CONCRETE;

THENCE SOUTH 17 DEGREES 26 MINUTES 33 SECONDS WEST, 84.80 FEET TO A P.K. NAIL SET;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 81.77 FEET (SAID CURVE HAVING A RADIUS OF 45.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 56 DEGREES 45 MINUTES 40 SECONDS WEST, 57.03 FEET) TO THE POINT OF BEGINNING.

SAID TRACT OR PARCEL OF LAND CONTAINING 10.1053 ACRES (440,187 SQUARE FEET).

LEGAL DESCRIPTION - ASSOCIATED CREDIT UNION PARCEL (OUT)

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 136 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS DISK IN WALL FOUND AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE LINE DIVIDING LAND LOTS 120 AND 121;

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 144.05 FEET (SAID CURVE HAVING A RADIUS OF 8972.02 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 15 DEGREES 12 MINUTES 44 SECONDS WEST, 144.05 FEET) TO A POINT, 0.35' EAST OF CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 15 DEGREES 29 MINUTES 30 SECONDS WEST, 1,028.98 FEET TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 491.06 FEET (SAID CURVE HAVING A RADIUS OF 3,304.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 22 MINUTES 59 SECONDS WEST, 490.83 FEET) TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 07 DEGREES 12 MINUTES 17 SECONDS WEST, 776.15 FEET TO A POINT;

THENCE LEAVING THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, NORTH 82 DEGREES 47 MINUTES 43 SECONDS WEST, 292.71 FEET TO A P.K. NAIL SET; SAID POINT BEING LOCATED NORTH 06 DEGREES 29 MINUTES 06 SECONDS EAST, 894.17 FEET FROM AN N.G.S. TRIANGULATION DISK STAMPED "FORT 1929";

THENCE NORTH 83 DEGREES 55 MINUTES 13 SECONDS WEST, 53.02 FEET TO A P.K. NAIL SET;

THENCE NORTH 76 DEGREES 35 MINUTES 07 SECONDS WEST, 56.08 FEET TO A P.K. NAIL SET;

THENCE NORTH 74 DEGREES 14 MINUTES 38 SECONDS WEST, 129.52 FEET TO AN "X" SCRIBED IN CONCRETE;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 83.81 FEET (SAID CURVE HAVING A RADIUS OF 45.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 33 DEGREES 37 MINUTES 09 SECONDS WEST, 58.80 FEET) TO A P.K. NAIL SET;

THENCE NORTH 07 DEGREES 00 MINUTES 20 SECONDS EAST, 301.55 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 89 DEGREES 58 MINUTES 54 SECONDS WEST, 48.54 FEET TO THE POINT OF BEGINNING;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 25.38 FEET (SAID CURVE HAVING A RADIUS OF 15.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 41 DEGREES 30 MINUTES 50 SECONDS EAST, 22.46 FEET) TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE SOUTH 06 DEGREES 57 MINUTES 13 SECONDS WEST, 191.72 FEET TO A P.K. NAIL SET;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 19.89 FEET (SAID CURVE HAVING A RADIUS OF 11.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 59 DEGREES 38 MINUTES 32 SECONDS WEST, 17.29 FEET) TO A P.K. NAIL SET;

THENCE NORTH 86 DEGREES 08 MINUTES 15 SECONDS WEST, 180.93 FEET TO A 1/2" REBAR FOUND;

THENCE NORTH 00 DEGREES 50 MINUTES 57 SECONDS WEST, 136.83 FEET TO A POINT LOCATED ON THE VETERANS ADMINISTRATION PROPERTY LINE; SAID POINT BEING LOCATED 0.28 FEET NORTH OF A NAIL FOUND;

THENCE NORTH 80 DEGREES 59 MINUTES 54 SECONDS EAST, 180.11 FEET TO THE POINT OF BEGINNING;

SAID TRACT OR PARCEL OF LAND CONTAINING 0.7876 ACRES (34,307 SQUARE FEET).

LEGAL DESCRIPTION - FORT MCPHERSON CREDIT UNION PARCEL (OUT)

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 136 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A BRASS DISK IN WALL FOUND AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE LINE DIVIDING LAND LOTS 120 AND 121;

THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 144.05 FEET (SAID CURVE HAVING A RADIUS OF 8972.02 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 15 DEGREES 12 MINUTES 44 SECONDS WEST, 144.05 FEET) TO A POINT, 0.35' EAST OF CONCRETE MONUMENT FOUND;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 15 DEGREES 29 MINUTES 30 SECONDS WEST, 1,028.98 FEET TO A POINT;

THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 491.06 FEET (SAID CURVE HAVING A RADIUS OF 3,304.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 22 MINUTES 59 SECONDS WEST, 490.83 FEET) TO A POINT;

THENCE LEAVING THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, NORTH 82 DEGREES 47 MINUTES 43 SECONDS WEST, 292.71 FEET TO A P.K. NAIL SET; SAID POINT BEING LOCATED NORTH 06 DEGREES 29 MINUTES 06 SECONDS EAST, 894.17 FEET FROM AN N.G.S. TRIANGULATION DISK STAMPED "FORT 1929";

THENCE NORTH 83 DEGREES 55 MINUTES 13 SECONDS WEST, 53.02 FEET TO A P.K. NAIL SET;

THENCE NORTH 76 DEGREES 35 MINUTES 07 SECONDS WEST, 56.08 FEET TO A P.K. NAIL SET;

THENCE NORTH 74 DEGREES 14 MINUTES 38 SECONDS WEST, 129.52 FEET TO AN "X" SCRIBED IN CONCRETE;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 83.81 FEET (SAID CURVE HAVING A RADIUS OF 45.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 33 DEGREES 37 MINUTES 09 SECONDS WEST, 58.80 FEET) TO A P.K. NAIL SET;

THENCE NORTH 07 DEGREES 00 MINUTES 20 SECONDS EAST, 301.55 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 89 DEGREES 58 MINUTES 54 SECONDS WEST, 48.54 FEET TO THE POINT OF BEGINNING;

THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 25.38 FEET (SAID CURVE HAVING A RADIUS OF 15.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 41 DEGREES 30 MINUTES 50 SECONDS EAST, 22.46 FEET) TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE SOUTH 06 DEGREES 57 MINUTES 13 SECONDS WEST, 191.72 FEET TO A P.K. NAIL SET;

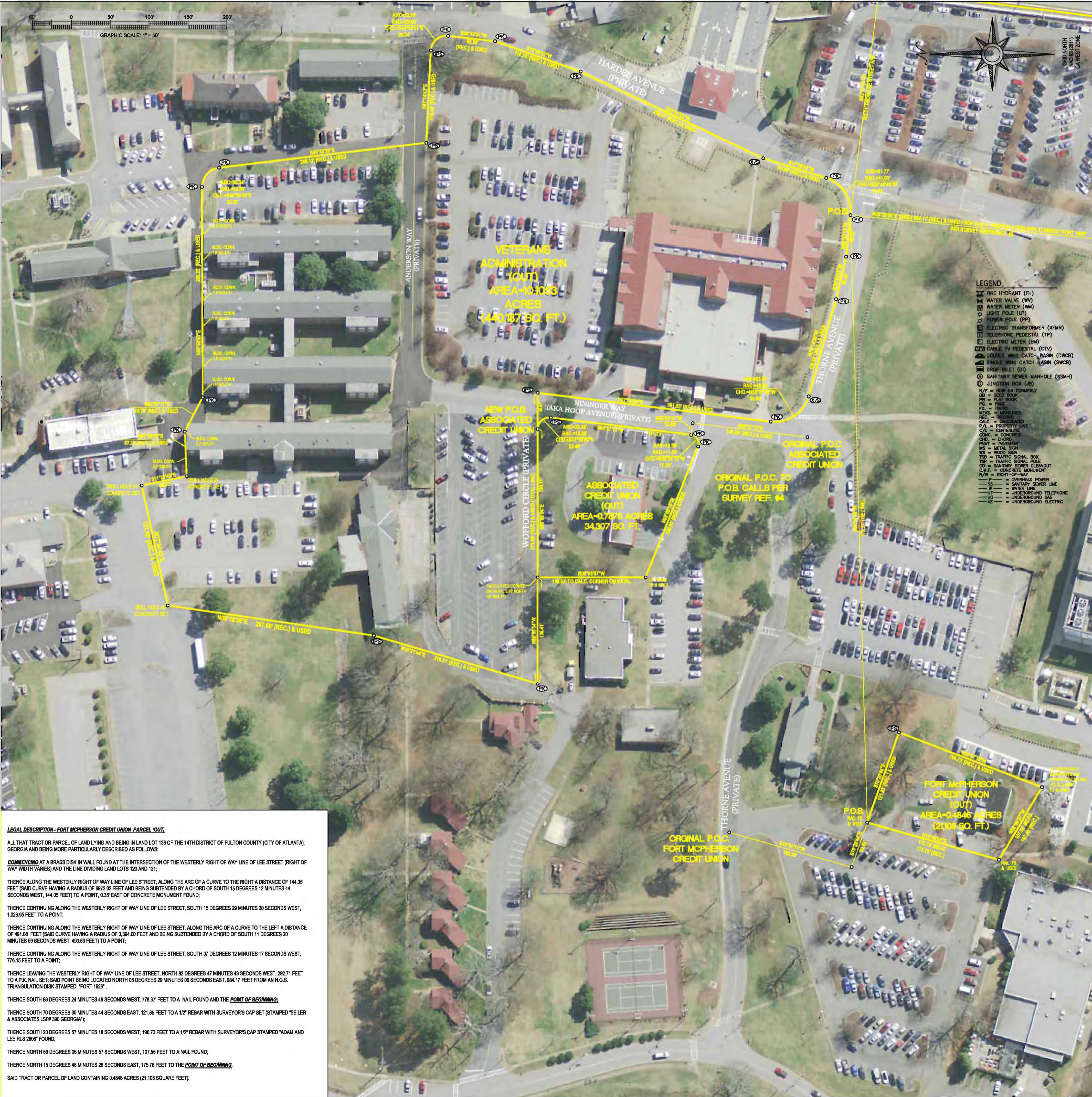
THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 19.89 FEET (SAID CURVE HAVING A RADIUS OF 11.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 59 DEGREES 38 MINUTES 32 SECONDS WEST, 17.29 FEET) TO A P.K. NAIL SET;

THENCE NORTH 86 DEGREES 08 MINUTES 15 SECONDS WEST, 180.93 FEET TO A 1/2" REBAR FOUND;

THENCE NORTH 00 DEGREES 50 MINUTES 57 SECONDS WEST, 136.83 FEET TO A POINT LOCATED ON THE VETERANS ADMINISTRATION PROPERTY LINE; SAID POINT BEING LOCATED 0.28 FEET NORTH OF A NAIL FOUND;

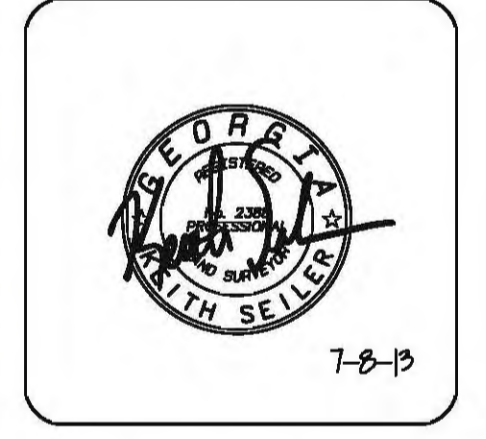
THENCE NORTH 80 DEGREES 59 MINUTES 54 SECONDS EAST, 180.11 FEET TO THE POINT OF BEGINNING;

SAID TRACT OR PARCEL OF LAND CONTAINING 0.4848 ACRES (21,108 SQUARE FEET).



SEILER & ASSOCIATES, INC.
PROFESSIONAL SURVEYORS
 124 ANDREW DRIVE • STOCKBRIDGE • GA 30281 • 878-665-9200
 FIND US ON THE WEB AT WWW.SEILERSSOC.COM

BOUNDARY SURVEY FOR
FORT MCPHERSON
ATLANTA, GEORGIA



SHEET	NO.	DESCRIPTION	DATE	BY	APPR.
3	1	ADD PROP. P.O.S.E.T. PARCEL REVISION MCPHERSON CREDIT UNION	7-8-13	KS	KS
6					

DATE: JUNE 11, 2013	SCALE: HORIZ. 1"=50'
FIELD BOOKS: N/A	PROJECT: PAGES: N/A
LAND LOTS: 121, 135, 136, 153, 154	DISTRICT: 14TH
COUNTY: FULTON (CITY OF ATLANTA)	DRAWN: KS
CHECKED: KS	APPROVED: KS
PROJECT NO.: 13-018-G	DWG NAME: 13016.100.001.1-E.dwg

LEGAL DESCRIPTION - PARCEL #FTMP-06

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 135, 136 AND 133 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A CONCRETE MONUMENT FOUND AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD (APPARENT 40 FOOT RIGHT OF WAY WIDTH) AND THE LINE DIVIDING LAND LOTS 136 AND 133;

THENCE LEAVING THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE LINE DIVIDING LAND LOTS 136 AND 133, SOUTH 00 DEGREES 50 MINUTES 38 SECONDS WEST, 2473.07 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA"); SAID POINT BEING THE **POINT OF BEGINNING**;

THENCE LEAVING THE LINE DIVIDING LAND LOTS 136 AND 133, NORTH 89 DEGREES 49 MINUTES 48 SECONDS EAST, 228.86 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE SOUTH 65 DEGREES 06 MINUTES 48 SECONDS EAST, 225.00 FEET TO AN "X" SCRIBED IN CONCRETE SIDEWALK;

THENCE SOUTH 01 DEGREES 47 MINUTES 47 SECONDS EAST, 245.40 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE SOUTH 54 DEGREES 53 MINUTES 28 SECONDS WEST, 298.76 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 41 DEGREES 35 MINUTES 17 SECONDS WEST, 504.25 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 89 DEGREES 49 MINUTES 48 SECONDS EAST, 185.32 FEET TO THE **POINT OF BEGINNING**;

SAID TRACT OR PARCEL OF LAND CONTAINING 4.0555 ACRES (176,859 SQUARE FEET);

LEGAL DESCRIPTION - TRAP & SKEET PARCEL

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 135, 136 AND 133 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A CONCRETE MONUMENT FOUND AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD (APPARENT 40 FOOT RIGHT OF WAY WIDTH) AND THE LINE DIVIDING LAND LOTS 136 AND 133;

THENCE LEAVING THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE LINE DIVIDING LAND LOTS 136 AND 133, SOUTH 00 DEGREES 50 MINUTES 38 SECONDS WEST, 2473.07 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA"); SAID POINT BEING THE **POINT OF BEGINNING**;

THENCE LEAVING THE LINE DIVIDING LAND LOTS 136 AND 133, SOUTH 89 DEGREES 49 MINUTES 48 SECONDS WEST, 185.32 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA"); SAID POINT BEING THE **POINT OF BEGINNING**;

THENCE SOUTH 41 DEGREES 35 MINUTES 17 SECONDS WEST, 525.82 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE SOUTH 48 DEGREES 27 MINUTES 41 SECONDS WEST, 1258.20 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 38 DEGREES 33 MINUTES 02 SECONDS WEST, 828.42 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

THENCE NORTH 48 DEGREES 42 MINUTES 07 SECONDS EAST, 1201.00 FEET TO A 1/2" REBAR AND SURVEYOR'S CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");

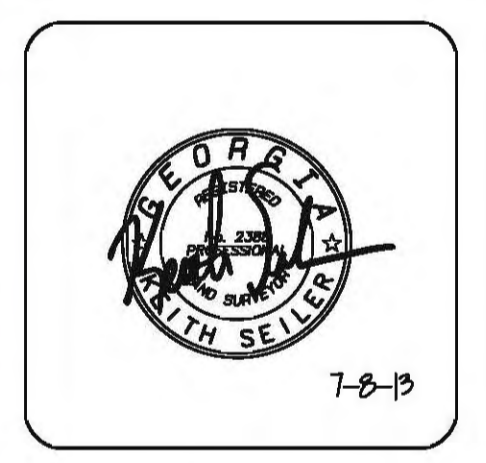
THENCE SOUTH 41 DEGREES 35 MINUTES 17 SECONDS EAST, 811.57 FEET TO THE **POINT OF BEGINNING**;

SAID TRACT OR PARCEL OF LAND CONTAINING 17.4884 ACRES (760,823 SQUARE FEET);



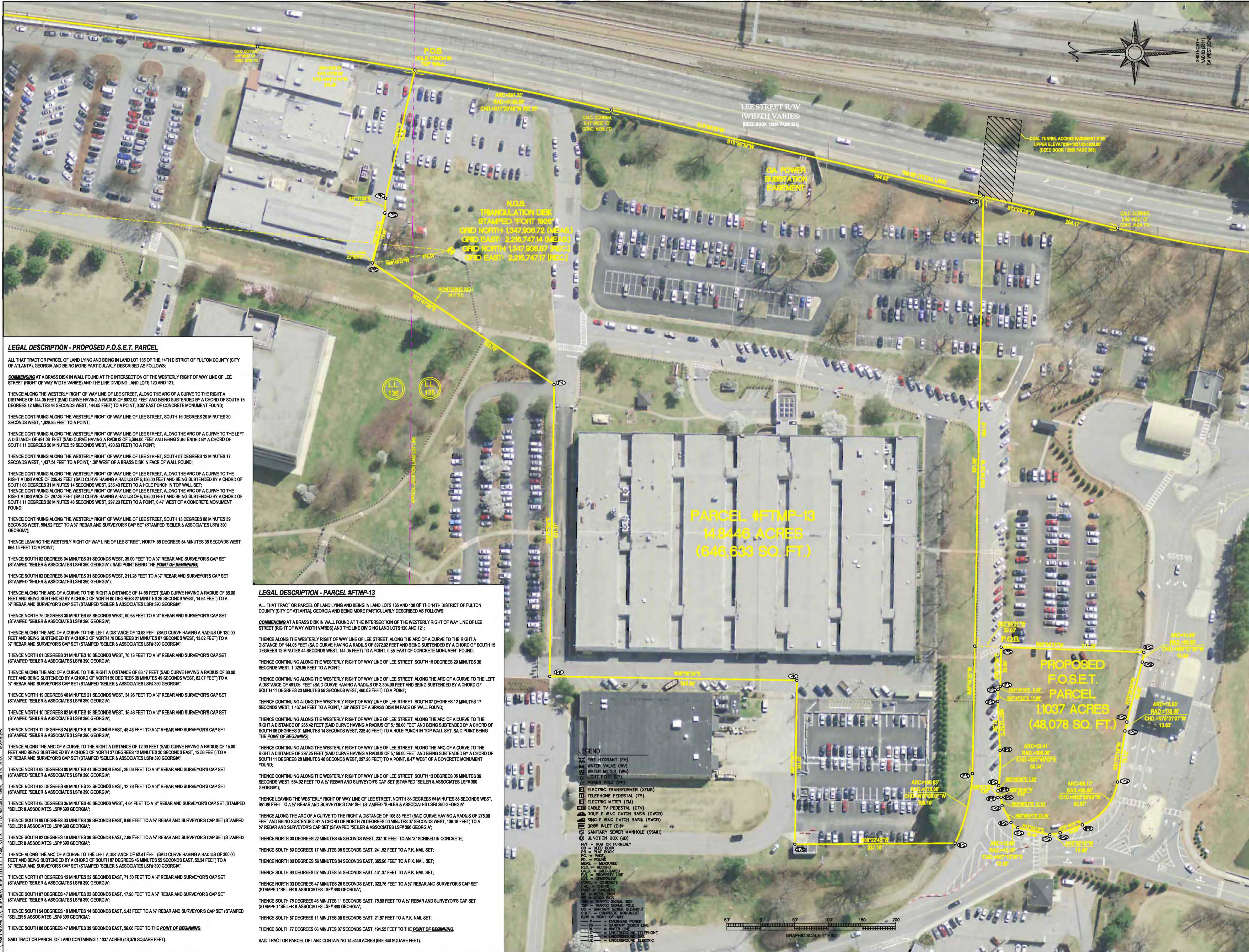
SEILER & ASSOCIATES, INC.
PROFESSIONAL SURVEYORS
 124 ANDREW DRIVE • STOCKBRIDGE • GA 30281 • 878-565-9200
 FIND US ON THE WEB AT WWW.SEILERASSOC.COM

**BOUNDARY SURVEY FOR
 FORT McPHERSON
 ATLANTA, GEORGIA**

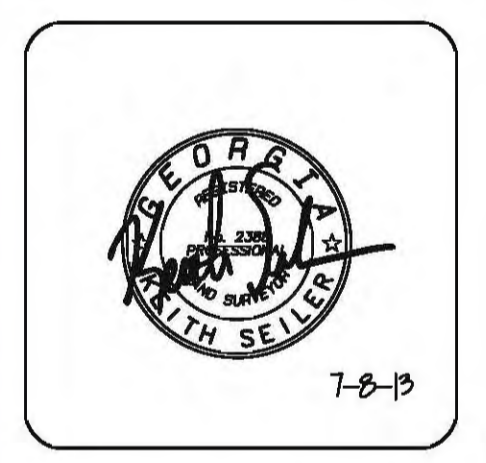


REVISIONS		DATE	BY	APPR.
1	ADD PROP. P.O.S.E.T. PARCEL	7-8-13	KS	KS

DATE:	JUNE 11, 2013
SCALE:	HORIZ: 1"=50'
VERT:	N/A
PROJECT:	PAGES: N/A
FIELD BOOK:	DATE: MAY 13
LAND LOTS:	21, 135, 136, 133, 134
DISTRICT:	14TH
SECTION:	N/A
COUNTY:	N/A
SURVEYED:	BM
DRAWN:	KS, BK, KB
CHECKED:	KS
APPROVED:	KS
PROJECT NO.:	13-018-0
DWG NAME:	13016.100.001.1-E.dwg



BOUNDARY SURVEY FOR
FORT McPHERSON
ATLANTA, GEORGIA



LEGAL DESCRIPTION - PROPOSED F.O.S.E.T. PARCEL
 ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 136 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT A BRASS DISK IN WALL FOUND AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE LINE DIVIDING LAND LOTS 120 AND 121;
 THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 144.05 FEET (SAID CURVE HAVING A RADIUS OF 6972.02 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 15 DEGREES 12 MINUTES 44 SECONDS WEST, 144.05 FEET) TO A POINT, 0.35' EAST OF CONCRETE MONUMENT FOUND;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 15 DEGREES 29 MINUTES 30 SECONDS WEST, 1,028.95 FEET TO A POINT;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 491.08 FEET (SAID CURVE HAVING A RADIUS OF 3,394.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 20 MINUTES 39 SECONDS WEST, 490.83 FEET) TO A POINT;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 07 DEGREES 12 MINUTES 17 SECONDS WEST, 1,437.54 FEET TO A POINT, 1.38' WEST OF A BRASS DISK IN FACE OF WALL FOUND;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 235.42 FEET (SAID CURVE HAVING A RADIUS OF 5,156.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 08 DEGREES 31 MINUTES 14 SECONDS WEST, 235.40 FEET) TO A HOLE PUNCH IN TOP WALL SET;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 297.25 FEET (SAID CURVE HAVING A RADIUS OF 5,156.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 28 MINUTES 48 SECONDS WEST, 297.20 FEET) TO A POINT, 0.47' WEST OF A CONCRETE MONUMENT FOUND;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 13 DEGREES 08 MINUTES 39 SECONDS WEST, 594.92 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE LEAVING THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, NORTH 88 DEGREES 54 MINUTES 36 SECONDS WEST, 694.16 FEET TO A POINT;
 THENCE SOUTH 02 DEGREES 04 MINUTES 31 SECONDS WEST, 39.90 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA"); SAID POINT BEING THE POINT OF BEGINNING;
 THENCE SOUTH 02 DEGREES 04 MINUTES 31 SECONDS WEST, 211.28 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 14.86 FEET (SAID CURVE HAVING A RADIUS OF 85.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 80 DEGREES 27 MINUTES 28 SECONDS WEST, 14.84 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 75 DEGREES 30 MINUTES 59 SECONDS WEST, 90.83 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 13.83 FEET (SAID CURVE HAVING A RADIUS OF 130.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 78 DEGREES 31 MINUTES 07 SECONDS WEST, 13.82 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 81 DEGREES 31 MINUTES 18 SECONDS WEST, 78.13 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 88.17 FEET (SAID CURVE HAVING A RADIUS OF 80.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 50 DEGREES 39 MINUTES 49 SECONDS WEST, 82.07 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 19 DEGREES 48 MINUTES 21 SECONDS WEST, 34.96 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 10 DEGREES 02 MINUTES 18 SECONDS WEST, 15.48 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 12 DEGREES 24 MINUTES 19 SECONDS EAST, 48.48 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 12.98 FEET (SAID CURVE HAVING A RADIUS OF 15.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 37 DEGREES 12 MINUTES 30 SECONDS EAST, 12.98 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 82 DEGREES 00 MINUTES 41 SECONDS EAST, 28.08 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 83 DEGREES 49 MINUTES 23 SECONDS EAST, 12.78 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 06 DEGREES 36 MINUTES 44 SECONDS WEST, 4.64 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 80 DEGREES 03 MINUTES 39 SECONDS EAST, 9.88 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 82 DEGREES 46 MINUTES 38 SECONDS EAST, 7.89 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 52.41 FEET (SAID CURVE HAVING A RADIUS OF 300.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 87 DEGREES 46 MINUTES 52 SECONDS EAST, 52.34 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 07 DEGREES 12 MINUTES 52 SECONDS EAST, 71.50 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 07 DEGREES 47 MINUTES 22 SECONDS EAST, 17.98 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 54 DEGREES 18 MINUTES 14 SECONDS EAST, 5.43 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 88 DEGREES 47 MINUTES 38 SECONDS EAST, 58.06 FEET TO THE POINT OF BEGINNING.
 SAID TRACT OR PARCEL OF LAND CONTAINING 1,1037 ACRES (48,078 SQUARE FEET).

LEGAL DESCRIPTION - PARCEL #FTMP-13
 ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 136 AND 138 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT A BRASS DISK IN WALL FOUND AT THE INTERSECTION OF THE WESTERLY RIGHT OF WAY LINE OF LEE STREET (RIGHT OF WAY WIDTH VARIES) AND THE LINE DIVIDING LAND LOTS 120 AND 121;
 THENCE ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 144.05 FEET (SAID CURVE HAVING A RADIUS OF 6972.02 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 15 DEGREES 12 MINUTES 44 SECONDS WEST, 144.05 FEET) TO A POINT, 0.35' EAST OF CONCRETE MONUMENT FOUND;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 15 DEGREES 29 MINUTES 30 SECONDS WEST, 1,028.95 FEET TO A POINT;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 491.08 FEET (SAID CURVE HAVING A RADIUS OF 3,394.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 20 MINUTES 39 SECONDS WEST, 490.83 FEET) TO A POINT;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 07 DEGREES 12 MINUTES 17 SECONDS WEST, 1,437.54 FEET TO A POINT, 1.38' WEST OF A BRASS DISK IN FACE OF WALL FOUND;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 235.42 FEET (SAID CURVE HAVING A RADIUS OF 5,156.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 08 DEGREES 31 MINUTES 14 SECONDS WEST, 235.40 FEET) TO A HOLE PUNCH IN TOP WALL SET;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 297.25 FEET (SAID CURVE HAVING A RADIUS OF 5,156.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 11 DEGREES 28 MINUTES 48 SECONDS WEST, 297.20 FEET) TO A POINT, 0.47' WEST OF A CONCRETE MONUMENT FOUND;
 THENCE CONTINUING ALONG THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, SOUTH 13 DEGREES 08 MINUTES 39 SECONDS WEST, 594.92 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE LEAVING THE WESTERLY RIGHT OF WAY LINE OF LEE STREET, NORTH 88 DEGREES 54 MINUTES 36 SECONDS WEST, 694.16 FEET TO A POINT;
 THENCE SOUTH 02 DEGREES 04 MINUTES 31 SECONDS WEST, 39.90 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA"); SAID POINT BEING THE POINT OF BEGINNING;
 THENCE SOUTH 02 DEGREES 04 MINUTES 31 SECONDS WEST, 211.28 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 14.86 FEET (SAID CURVE HAVING A RADIUS OF 85.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 80 DEGREES 27 MINUTES 28 SECONDS WEST, 14.84 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 75 DEGREES 30 MINUTES 59 SECONDS WEST, 90.83 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 13.83 FEET (SAID CURVE HAVING A RADIUS OF 130.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 78 DEGREES 31 MINUTES 07 SECONDS WEST, 13.82 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 81 DEGREES 31 MINUTES 18 SECONDS WEST, 78.13 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 88.17 FEET (SAID CURVE HAVING A RADIUS OF 80.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 50 DEGREES 39 MINUTES 49 SECONDS WEST, 82.07 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 19 DEGREES 48 MINUTES 21 SECONDS WEST, 34.96 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 10 DEGREES 02 MINUTES 18 SECONDS WEST, 15.48 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 12 DEGREES 24 MINUTES 19 SECONDS EAST, 48.48 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE RIGHT A DISTANCE OF 12.98 FEET (SAID CURVE HAVING A RADIUS OF 15.00 FEET AND BEING SUBTENDED BY A CHORD OF NORTH 37 DEGREES 12 MINUTES 30 SECONDS EAST, 12.98 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 82 DEGREES 00 MINUTES 41 SECONDS EAST, 28.08 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 83 DEGREES 49 MINUTES 23 SECONDS EAST, 12.78 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 06 DEGREES 36 MINUTES 44 SECONDS WEST, 4.64 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 80 DEGREES 03 MINUTES 39 SECONDS EAST, 9.88 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 82 DEGREES 46 MINUTES 38 SECONDS EAST, 7.89 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE ALONG THE ARC OF A CURVE TO THE LEFT A DISTANCE OF 52.41 FEET (SAID CURVE HAVING A RADIUS OF 300.00 FEET AND BEING SUBTENDED BY A CHORD OF SOUTH 87 DEGREES 46 MINUTES 52 SECONDS EAST, 52.34 FEET) TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE NORTH 07 DEGREES 12 MINUTES 52 SECONDS EAST, 71.50 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 07 DEGREES 47 MINUTES 22 SECONDS EAST, 17.98 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 54 DEGREES 18 MINUTES 14 SECONDS EAST, 5.43 FEET TO A 1/2" REBAR AND SURVEYORS CAP SET (STAMPED "SEILER & ASSOCIATES LSF# 390 GEORGIA");
 THENCE SOUTH 88 DEGREES 47 MINUTES 38 SECONDS EAST, 58.06 FEET TO THE POINT OF BEGINNING.
 SAID TRACT OR PARCEL OF LAND CONTAINING 14,8446 ACRES (646,633 SQUARE FEET).

- LEGEND**
- 1 FIRE HYDRANT (FH)
 - 2 WATER VALVE (WV)
 - 3 WATER METER (WM)
 - 4 LIGHT POLE (LP)
 - 5 POWER POLE (PP)
 - 6 ELECTRIC TRANSFORMER (XTMR)
 - 7 TELEPHONE PEDestal (TP)
 - 8 ELECTRIC METER (EM)
 - 9 CABLE TV PEDestal (CTV)
 - 10 DOUBLE WING CATCH BASIN (DWCB)
 - 11 SINGLE WING CATCH BASIN (SWCB)
 - 12 DROP INLET (DI)
 - 13 SANITARY SEWER MANHOLE (SSMH)
 - 14 JUNCTION BOX (JB)
 - 15 1/2" - 6" OR PROMINENT
 - 16 DEED BOOK
 - 17 PAGE
 - 18 FOR BOOK
 - 19 MEASURED
 - 20 CALC. = CALCULATED
 - 21 PROPERTY LINE
 - 22 CENTERLINE
 - 23 CHORD
 - 24 MONUMENT
 - 25 METAL SIGN
 - 26 WOOD SIGN
 - 27 TRAFFIC SIGNAL BOX
 - 28 TRAFFIC SIGNAL POLE
 - 29 SANITARY SEWER CLEANOUT
 - 30 CONCRETE MONUMENT
 - 31 OVERHEAD POWER
 - 32 UNDERGROUND POWER
 - 33 WATER LINE
 - 34 UNDERGROUND TELEPHONE
 - 35 UNDERGROUND GAS
 - 36 UNDERGROUND CABLE

SHEET	NO.	DESCRIPTION	REVISIONS	
			DATE	BY
5	1	ADDED PROP. F.O.S.E.T. PARCEL	7-8-13	KS

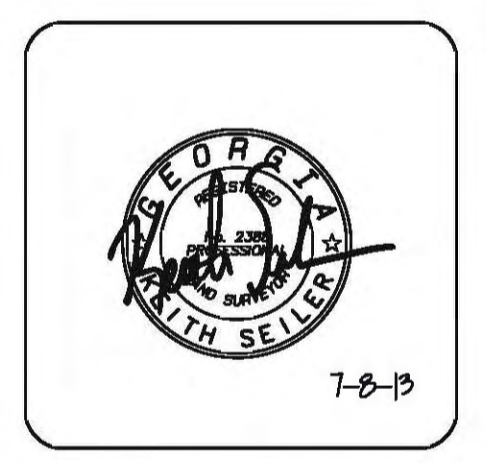
DATE: JUNE 11, 2013	DRAWN: KS, BK, KB
SCALE: HORIZ. 1"=50'	CHECKED: KS
FIELD BOOK: SURV. MAY 13	APPROVED: KS
LAND LOTS: 121, 135, 136, 153, 154	DWG NAME: 13016.1001.001.1-E.dwg
DISTRICT: 14TH	
SECTION: N/A	
COUNTY: N/A	
PROJECT: N/A	
PROJECT NO.: 13-016-0	

LEGAL DESCRIPTION - PARCEL #FTMP-14
 ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOTS 136 AND 153 OF THE 14TH DISTRICT OF FULTON COUNTY (CITY OF ATLANTA), GEORGIA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCING AT A CONCRETE MONUMENT FOUND AT THE INTERSECTION OF THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD (APPARENT 40 FOOT RIGHT OF WAY WIDTH) AND THE LINE DIVIDING LAND LOTS 136 AND 153;
 THENCE LEAVING THE SOUTHERLY RIGHT OF WAY LINE OF CAMPBELLTON ROAD, ALONG THE LINE DIVIDING LAND LOT 136 AND 153, SOUTH 00 DEGREES 50 MINUTES 38 SECONDS WEST, 1207.64 FEET TO A 'X' REBAR AND SURVEYOR'S CAP SET (STAMPED 'SEILER & ASSOCIATES LSF# 390 GEORGIA'); SAID POINT BEING THE **POINT OF BEGINNING**;
 THENCE LEAVING THE LINE DIVIDING LAND LOTS 136 AND 153, NORTH 70 DEGREES 11 MINUTES 23 SECONDS EAST, 128.63 FEET TO A 'X' REBAR AND SURVEYOR'S CAP SET (STAMPED 'SEILER & ASSOCIATES LSF# 390 GEORGIA');
 THENCE SOUTH 21 DEGREES 20 MINUTES 02 SECONDS EAST, 184.10 FEET TO A 'X' REBAR AND SURVEYOR'S CAP SET (STAMPED 'SEILER & ASSOCIATES LSF# 390 GEORGIA');
 THENCE SOUTH 73 DEGREES 25 MINUTES 17 SECONDS WEST, 245.06 FEET TO A 'X' REBAR AND SURVEYOR'S CAP SET (STAMPED 'SEILER & ASSOCIATES LSF# 390 GEORGIA');
 THENCE NORTH 18 DEGREES 34 MINUTES 28 SECONDS WEST, 150.26 FEET TO A 'X' REBAR AND SURVEYOR'S CAP SET (STAMPED 'SEILER & ASSOCIATES LSF# 390 GEORGIA');
 THENCE NORTH 70 DEGREES 11 MINUTES 23 SECONDS EAST, 108.44 FEET TO THE **POINT OF BEGINNING**.
 SAID TRACT OR PARCEL OF LAND CONTAINING 0.8688 ACRES (37,845 SQUARE FEET).



SEILER & ASSOCIATES, INC.
 PROFESSIONAL SURVEYORS
 124 ANDREW DRIVE • STOCKBRIDGE • GA 30281 • 678-565-9200
 FIND US ON THE WEB AT WWW.SEILERSOC.COM

**BOUNDARY SURVEY FOR
 FORT McPHERSON
 ATLANTA, GEORGIA**



REVISIONS		DATE	BY	APPR.
NO.	DESCRIPTION	7-8-13	KS	KS
1	ADD PROP. P.O.S.E.T. PARCEL			

DATE:	JUNE 11, 2013
SCALE:	HORIZ. 1"=50'
SHEET:	6 OF 6
PROJECT:	BOUNDARY SURVEY FOR FORT McPHERSON
DISTRICT:	14TH
SECTION:	N/A
COUNTY:	FULTON
DRAWN:	KS, BK, KB
CHECKED:	KS
APPROVED:	KS
PROJECT NO.:	13-016-0
DWG NAME:	13016.000.001.1-E.dwg

- LEGEND**
- [Symbol] FIRE HYDRANT (FH)
 - [Symbol] WATER VALVE (WV)
 - [Symbol] WATER METER (WM)
 - [Symbol] LIGHT POLE (LP)
 - [Symbol] POWER POLE (PP)
 - [Symbol] ELECTRIC TRANSFORMER (AFMR)
 - [Symbol] TELEPHONE PEDESTAL (TP)
 - [Symbol] ELECTRIC METER (EM)
 - [Symbol] CABLE TV PEDESTAL (CTV)
 - [Symbol] DOUBLE WING CATCH BASIN (DWCB)
 - [Symbol] SINGLE WING CATCH BASIN (SWCB)
 - [Symbol] DRAIN INLET (DI)
 - [Symbol] SANITARY SEWER MANHOLE (SSMH)
 - [Symbol] JUNCTION BOX (JB)
 - N/P = NOW OR FORMERLY
 - DB = DIRT BOX
 - PB = PLAT BOOK
 - PS = PLAT
 - FD = FOUND
 - MEAS. = MEASURED
 - REC. = RECORD
 - CALC. = CALCULATED
 - P/L = PROPERTY LINE
 - C/L = CENTERLINE
 - CONC. = CONCRETE
 - CHD. = CHIRD
 - FRM. = FRAMEMENT
 - MS = METAL SIGN
 - MS = METAL SIGN
 - TSB = TRAFFIC SIGNAL BOX
 - TS = TRAFFIC SIGNAL POLE
 - CO = SANITARY SEWER CLEANOUT
 - C.M. = CONCRETE MONUMENT
 - R/W = RIGHT-OF-WAY
 - = OVERHEAD POWER
 - = SANITARY SEWER LINE
 - = WATER LINE
 - = UNDERGROUND TELEPHONE
 - = UNDERGROUND GAS
 - = UNDERGROUND ELECTRIC

ENCLOSURE 3

ENVIRONMENTAL DOCUMENTATION

AFZK-EH, Environmental Control Officer. 1991. *Memorandum to Brent Rose, Subject: UST Removal, DERA Funds, Fort McPherson and Fort Gillem*. October.

Aerostar SES. 2013a. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson Building 65, Fort McPherson, Fulton County, Georgia*. August 29.

Aerostar SES. 2013b. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson Building 110, Fort McPherson, Fulton County, Georgia*. August 29.

Aerostar SES. 2013c. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 331, Fort McPherson, Fulton County, Georgia*. August 29.

Aerostar SES. 2013d. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 340/341, Fort McPherson, Fulton County, Georgia*, August 29.

Aerostar SES. 2013 e. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 365, Fort McPherson, Fulton County, Georgia*, August 29.

AEROSTAR Environmental Services, Inc. (AEROSTAR). 2013a. *Active Remediation Progress Report, Fourth Event, Fort McPherson Building 105, Facility ID #9000521, Fort McPherson, Fulton County, Georgia*. January.

AEROSTAR. 2013b. *Active Remediation Progress Report, Third Event, Fort McPherson Building 143, Facility ID #9060005, Fort McPherson, Fulton County, Georgia*. January.

AEROSTAR. 2012a. *Unregulated Storage Tank Closure Report, U.S. Army, Fort McPherson, Former Building 40, Fort McPherson, Fulton County, Georgia*. August 15.

AEROSTAR. 2012b. *Unregulated Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 104, Fort McPherson, Fulton County, Georgia*. July.

AEROSTAR. 2012c. *Unregulated Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 106/119, Fort McPherson, Fulton County, Georgia*. July.

AEROSTAR. 2012d. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 164, Fort McPherson, Fulton County, Georgia, Facility ID #9060106*. February.

AEROSTAR. 2012e. *Unregulated Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 183, Fort McPherson, Fulton County, Georgia*. February.

AEROSTAR. 2012f. *Soil and Groundwater Evaluation Report, Fort McPherson Building 200, Temporary Out of Use UST, Fort McPherson, Fulton County, Georgia*. February.

AEROSTAR. 2012g. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Former Building 205, Fort McPherson, Fulton County, Georgia, Facility ID #9060108*. August.

AEROSTAR. 2012h. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson Building 315, Fort McPherson, Fulton County, Georgia*. February.

AEROSTAR. 2012i. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Former Building 345/350, Fort McPherson, Fulton County, Georgia, Facility ID #9060114*. July.

AEROSTAR. 2012j. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson Building 346, Fort McPherson, Fulton County, Georgia.* February.

AEROSTAR. 2012k. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 368, Fort McPherson, Fulton County, Georgia, Facility ID #9060627.* July.

AEROSTAR. 2012l. *Corrective Action Plan-Part A, U.S. Army, Fort McPherson, Building 368, Fort McPherson, Fulton County, Georgia, Facility ID #9060627.* March 2.

AEROSTAR. 2012m. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson Building 454, Fort McPherson, Fulton County, Georgia.* February.

AEROSTAR. 2011a. *Underground Storage Tank Closure Report, Fort McPherson Building 41, Facility ID #9060261, Fort McPherson, Fulton County, Georgia.* September.

AEROSTAR. 2011b. *Underground Storage Tank Closure Report, Fort McPherson Building 101, Facility ID #9060123, Fort McPherson, Fulton County, Georgia.* September.

AEROSTAR. 2011c. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 160, Fort McPherson, Fulton County, Georgia, Facility ID #9060105.* November.

AEROSTAR. 2011d. *Unregulated Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 160, Fort McPherson, Fulton County, Georgia.* November.

AEROSTAR. 2011e. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Former Building 207, Fort McPherson, Fulton County, Georgia, Facility ID #9060109.* September.

AEROSTAR. 2011f. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 214, Fort McPherson, Fulton County, Georgia, Facility ID #9060111.* November.

AEROSTAR. 2011g. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Former Building 326, Fort McPherson, Fulton County, Georgia, Facility ID #9060113.* November.

AEROSTAR, 2011h. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 326, Fort McPherson, Fulton County, Georgia.* November.

AEROSTAR. 2011i. *Underground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 370, Facility ID #9060115, Fort McPherson, Fulton County, Georgia.* September.

AEROSTAR. 2011j. *Aboveground Storage Tank Closure Report, U.S. Army, Fort McPherson, Building 370, Fort McPherson, Fulton County, Georgia.* September.

AEROSTAR. 2008a. *Site Summary Report, Building 105, Ft. McPherson, Georgia, Facility ID: 900521.* November.

AEROSTAR. 2008b. *Site Summary Report, Building 143, Ft. McPherson, Georgia, Facility ID: 9060005.* November.

American Society for Testing and Materials (ASTM). 2010. *Standard No. 5746-98, Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities.*

Anderson Columbia Environmental, Inc. 1993. *Field Report UST Removal, Buildings 40, 208, 370 and 454, Fort McPherson, Fulton County, Georgia.* August.

ATC Associates, Inc. 2001. *Lead Abatement Air Monitoring Services, Fort McPherson Army Base, Quarters 15W, Atlanta, Georgia*. August 15.

Atlanta Environmental Management, Inc. 2007a. *U.S. Army UST Management Plan [for Building 200, Fort McPherson]*. February.

Atlanta Environmental Management, Inc. 2007b. *U.S. Army UST Management Plan [for Building 350, Fort McPherson and Building 606, Fort Gillem]*. February.

Atlanta Testing & Engineering, Inc. 1990. *Underground Storage Tank Assessment, Site Nos. 160 and 302, Ft. McPherson, Georgia*. December.

Atlantic Geoscience, Inc. 1990. *Ft. McPherson Veterinary Center, UST Subsurface Investigation, East Point, Georgia*. March.

Black & Veatch Waste Science and Technology Corp. 1991. *Phase I Remedial Investigation Chemical Data Acquisition Plan, Fort McPherson, Atlanta, Georgia*.

Cabrera Services. 2010. *Final Status Survey Report, Fort McPherson, Radiological Site Characterizations in Support of the Phase II Environmental Condition of Property for Selected Base Realignment and Closure Installations, East Point, Georgia*. June.

Cabrera Services. 2009. *Final Characterization Survey Report, Fort McPherson, East Point, Georgia*. May.

Cabrera Services. 2007a. *Historical Site Assessment and Addendum to Environmental Condition of Property Report, Forest Park, Georgia*. January.

Cabrera Services. 2007b. *Final Radiological Scoping Survey Plan, Fort Gillem, Forest Park, Georgia, Fort McPherson, East Point, Georgia*. November.

Cabrera Services. 2006. *Final Work Plan, Historical Site Assessments in Support of the Environmental Condition of Property Phase I for Selected Base Realignment and Closure Installations*. June.

CALIBRE Systems, 2001. *U.S. Army Active/Inactive Range Inventory, Fort McPherson, GA*.

Carolina Environmental, Inc. 2008. *Laboratory Report, Lead in Paint, Ft. McPherson Bldg. 41*. August.

Compass Environmental, Inc. 2002. *Sample Results for Lead in Surface Dust, Ft. McPherson, Georgia*. December.

Dan Fitzgerald & Associates. 1989. *Annual Tank Testing 1989 Report for Ft. McPherson*. December.

Department of the Army. 2011. *Record of Decision [for Final Environmental Impact Statement (EIS) for BRAC 2005 Disposal and Reuse of Fort McPherson], Georgia*. March.

Department of the Army, Base Realignment and Closure 2005. 2011a. *Amended Finding of Suitability to Transfer (FOST), Fort McPherson, Georgia, Fort McPherson Credit Union, Fort McPherson, Georgia*. August.

Department of the Army, Base Realignment and Closure 2005. 2011b. *Amended Finding of Suitability to Transfer (FOST), Fort McPherson, Georgia, Associated Credit Union, Fort McPherson, Georgia*. September.

Department of the Army, Center for Public Works. 1996. *Environmental Assessment and Finding of No Significant Impact for Construction of a New Combined Club for Fort McPherson, Georgia*. July.

Department of the Army, FORSCOM Environmental Operations Center. 1995. *Installation Spill Contingency Plan for Fort McPherson and Subinstallations*. January.

Department of the Army, Headquarters Fort McPherson. 1996. *Memorandum for Chief, Building and Structures Division, U.S. Center for Public Works, Subject: Lead-Base Paint (LBP) Abatement Removal, Quarters 3 & 4, Fort McPherson, Georgia*. August 14.

Department of the Army, Savannah District, Corps of Engineers. 2004a. *Environmental Baseline Survey, Privatization of the Electrical Distribution Systems at Fort McPherson and Fort Gillem, Georgia*. January.

Department of the Army, Savannah District, Corps of Engineers. 2004b. *Environmental Baseline Survey, Privatization of the Wastewater Collection Systems at Fort McPherson and Fort Gillem, Georgia*. January.

Department of the Army, Savannah District, Corps of Engineers. 2004c. *Environmental Baseline Survey, Privatization of the Water Distribution Systems at Fort McPherson and Fort Gillem, Georgia*. January.

Department of the Army, Savannah District, Corps of Engineers. 2004d. *Environmental Baseline Survey, Privatization of the Natural Gas Distribution Systems at Fort McPherson and Fort Gillem, Georgia*. January.

Department of the Army, Savannah District, Corps of Engineers. 2003. *Final Environmental Assessment and Finding of No Significant Impact for the Privatization of Utilities on Fort McPherson and Fort Gillem, Georgia*. March.

Department of the Army, Savannah District, Corps of Engineers. 2002. *Final Environmental Assessment and Finding of No Significant Impact, Renovation of Buildings 169 and 170, Fort McPherson, Georgia*. November.

Department of the Army, Savannah District, Corps of Engineers. 2001. *Memorandum for Commander, Ft. McPherson Attn: DPW Environmental Office, Subject: Bldgs 135 & 370*. May.

Department of the Army, Savannah District, Corps of Engineers. 2000a. *Memorandum for Commander, Ft. McPherson Attn: DPW Environmental Office, Subject: Bldgs. 9E & 60, Ft. McPherson*. June.

Department of the Army, Savannah District, Corps of Engineers. 2000b. *Memorandum for Commander, Ft. McPherson Attn: DPW Environmental Office, Subject: Bldg. 58 Ft. McPherson*. July.

Department of the Army, Savannah District, Corps of Engineers. 2000c. *Memorandum for Commander, Ft. McPherson Attn: DPW Environmental Office, Subject: Ft. McPherson & Ft. Gillem PLM [Building 60]*. June.

Department of the Army, Savannah District, Corps of Engineers. 2000d. *Memorandum for Commander, Ft. McPherson Attn: DPW Environmental Office, Subject: Buildings 60 & 62*. July.

Department of the Army, Savannah District, Corps of Engineers. 2000e. *Memorandum for Commander, Ft. McPherson, Attn: DPW Environmental Office, Subject: Building 105, Ft. McPherson.* November.

Department of the Army, Savannah District, Corps of Engineers. 2000f. *Memorandum for Commander, Ft. McPherson ATTN: DPW Environmental Office, Subject: Building 170, Ft. McPherson.* November.

Department of the Army, Savannah District, Corps of Engineers. 2000g. *Memorandum for Commander, Ft. McPherson ATTN: DPW Environmental Office, Subject: Building 170, Ft. McPherson.* December.

Department of the Army, Savannah District, Corps of Engineers. 2000h. *Memorandum for Commander, Fort McPherson, Subject: Ft. Gillem FG207/FM363, Ft. Gillem.* Advance Copy. February.

Department of the Army, Savannah District, Corps of Engineers. 2000i. *Memorandum for Commander, DPW Environmental Office, Subject: Building 363, Ft. McPherson.* January.

Department of the Army, Savannah District, Corps of Engineers. 1999. *Ground-Water Investigation, Barracks and Golf Course, Remediation Area, Fort McPherson, Fulton County, Atlanta, Georgia.* February.

Department of the Army, Savannah District, Corps of Engineers. 1997. *Memorandum for Commander, DPW Environmental Office Subject: Lead-Based Paint Survey Report for Building No. 100 at Fort McPherson.* February.

Department of the Army, Savannah District, Corps of Engineers. 1994a. *Focused Feasibility Study for the Proposed Barracks Area, Fort McPherson, Atlanta, Georgia.* January.

Department of the Army, Savannah District, Corps of Engineers. 1994b. *Environmental Assessment and Finding of No Significant Impact for Construction Headquarters Facility for the United States Army Reserve Command, Fort McPherson, Georgia.* March.

Department of the Army, Savannah District, Corps of Engineers. 1993. *Environmental Assessment for Barracks with Dining, L.I. 024291, Fort McPherson, Georgia.* June.

Department of the Army, Savannah District, Corps of Engineers. 1992a. *A Report on Water Usage, Fort McPherson, Fulton County, Atlanta, Georgia.* May.

Department of the Army, Savannah District, Corps of Engineers. 1992b. *Memorandum for Headquarters, Fort McPherson, Directorate of Engineering and Housing, Subject: Initial Site Characterization, Boiler Plant (Building 160), Fort McPherson, Georgia.* September.

Department of the Army, Savannah District, Corps of Engineers. 1991. *Remedial Investigation Health and Safety Plan for the Proposed Barracks Area of Fort McPherson, Atlanta, Georgia.* October.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1998. *Memorandum for Commander, DPW Environmental Office, Subject: Asbestos Inspection Report for Building 185 at Ft. McPherson, GA.* January.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1997a. *Memorandum for Commander, Ft. McPherson, Subject: Building 106, Ft. McPherson.* February.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1997b. *Asbestos Survey, Veterinarian Clinic, Bldg. No. 167, Fort McPherson, Georgia.* January.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1996a. *Memorandum for Commander, Ft. McPherson, Subject: Chemical Analysis of Wipe Samples, Building 3W, Ft. McPherson.* July.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1996b. *Asbestos Survey, Bldg. No. 101, Fort McPherson, Georgia.* December.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1996c. *Asbestos Survey, Veterinarian Clinic, Bldg. No. 105, Fort McPherson, Georgia.* December.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1996d. *Memorandum for Commander, DPW Environmental Office, Subject: PLM Analysis of ACM Bulk Samples [Building 401].* September.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1996e. *Memorandum for Commander, DPW Environmental Office, Subject: PLM Analysis of ACM Bulk Samples [Building 511].* December.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1995. *Memorandum for Commander, Ft. McPherson, Subject: Chemical Analysis of Paint Chips from Ft. McPherson.* March.

Department of the Army, South Atlantic Division Laboratory, Corps of Engineers. 1993. *Memorandum for Commander, Fort McPherson, Subject: Asbestos Analysis of Samples, Bldg. 184, Collected at Ft. McPherson, Georgia.* September.

Directorate of Engineering and Housing . 1993. *Memorandum for DEH Attn: Environmental Office, Subject: Lead Paint, Asbestos, Historical Building Assessment for Building 40, Fort McPherson.* February.

Directorate of Engineering and Housing. 1992. *Subject: TCLP Results on Bldg. 101.* March.

Directorate of Engineering and Housing (DEH). 1980. *Final Overall Installation Environmental Impact Statement Fort McPherson, Georgia.*

Directorate of Installation Support, Environmental Division. 2000. *Integrated Natural Resources Management Plan 1999-2003.* February.

Diversified Environmental Management, Inc. 1994a. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #2E & 2W.* August.

Diversified Environmental Management, Inc. 1994b. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #6W.* August.

Diversified Environmental Management, Inc. 1994c. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #7E & 7W.* August.

Diversified Environmental Management, Inc. 1994d. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #8E & 8W.* August.

Diversified Environmental Management, Inc. 1994e. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #11E & 11W.* August.

Diversified Environmental Management, Inc. 1994f. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #12W.* August.

Diversified Environmental Management, Inc. 1994g. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #13E & 13W.* August.

Diversified Environmental Management, Inc. 1994h. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #14E & 14W.* August.

Diversified Environmental Management, Inc. 1994i. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #15E.* August.

Diversified Environmental Management, Inc. 1994j. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #19E & 19W.* August.

Diversified Environmental Management, Inc. 1994k. *Lead Base Paint Survey Report, Staff Row Quarters Buildings, Quarters #522.* August.

Earth Tech. 2008a. *Fort McPherson Spill Prevention, Control, and Countermeasures (SPCC) Plan.* Final. February.

Earth Tech. 2008b. *Community Involvement Plan, Fort McPherson, Installation Restoration Program.* Final. March.

EarthTech. 2008c. *Fort McPherson Asbestos Management Program Plan.* Final. April.

Earth Tech. 2008d. *Fort McPherson Lead Hazard Management Program Plan.* Final. May.

Earth Tech. 2007. *Fort McPherson Hazardous Waste Management Plan.* Final. May.

EarthTech. 2003a. *Stormwater Pollution Prevention and Management Plan, Fort McPherson, Georgia.* February.

EarthTech. 2003b. *Fort McPherson & Fort Gillem Hazardous Waste Management Plan, Atlanta, Georgia.* July.

ENSR Consulting and Engineering, Inc. 1996. *U.S. Army Directorate of Public Works, Fort McPherson, Georgia, Building 105, Site Corrective Action Plan, Part B.* July.

ENSR Consulting and Engineering, Inc. 1996. *Department of the Army, Fort McPherson, Atlanta, GA, Corrective Action Plan Addendum, PX Gas Station, Building 143.* November.

ENSR Consulting and Engineering, Inc. 1994. *Department of the Army, Fort McPherson, Corrective Action Plan, PX Gas Station, Building 143.* April.

Environmental Research, Inc. 2006. *Aerial Photographic Site Analysis, Fort McPherson, Atlanta, Georgia.* August.

Environmental Science and Engineering, Inc. 1983. *Installation Assessment of Fort McPherson, GA, Report No. 329.* December.

Federal Occupational Health, Bureau of Primary Health Care, Health Resources and Services Administration, U.S. Public Health Service, Department of Health and Human Services, Stone Mountain Georgia and Atlanta Environmental Management, Inc. 1999. *Addendum to*

Underground Storage Tank Product Lines Closure Report, Building 200, Sayers Street, Fort McPherson, Fulton County, Georgia. July.

Federal Occupational Health, Bureau of Primary Health Care, Health Resources and Services Administration, U.S. Public Health Service, Department of Health and Human Services, Stone Mountain Georgia and Atlanta, Environmental Management, Inc. 1998a. *Addendum Operation and Maintenance Plan, Diesel Fuel UST System for FORSCOM Building (#200), Fort McPherson, Georgia.* August.

Federal Occupational Health, Bureau of Primary Health Care, Health Resources and Services Administration, U.S. Public Health Service, Department of Health and Human Services, Stone Mountain Georgia and Atlanta Environmental Management, Inc. 1998b. *Closure Report for Product Lines, Fort McPherson Building 200, Fort McPherson, Georgia, Facility ID #9-060107.* October.

Federal Occupational Health, Bureau of Primary Health Care, Health Resources Administration, U.S. Public Health Service, Department of Health and Human Services, Stone Mountain, Georgia and Atlanta Environmental Management, Inc. 1998c. *Closure Report for Product Lines and Fuel Dispensers, Fort McPherson, Building 350, Ft. McPherson, Georgia, Facility ID #9-060114.* December.

Georgia Environmental Protection Division, Georgia Department of Natural Resources. 2012a. *List of Georgia Underground Storage Tanks/Facilities, Owner Data.* Revised.

Georgia Environmental Protection Division, Georgia Department of Natural Resources. 2012b. *List of Georgia Underground Storage Tanks, Tank Data.* Revised.

Georgia Environmental Protection Division, Georgia Department of Natural Resources. 2012c. *List of Georgia Leaking Underground Storage Tanks.* Revised.

Geosciences, Inc. 1999. *Amended Underground Storage Tank (UST) Closure Report, U.S. Army Fort McPherson, Building 651, Tank ID: 651-MG1, Underground Storage Tank (UST) Closure Report, 1959 Walker Ave. S.W., Fort McPherson, Georgia.* May.

Geosciences, Inc. 1998. *U.S. Army Fort McPherson, Building 651, Tank ID: 651-MG1, Underground Storage Tank (UST) Closure Report, 210 Lee Street, Fort McPherson, Georgia.* December.

Ground Water Services, Inc. 1992a. *UST Closure Report, Building 41, Fort McPherson, Georgia.* January.

Ground Water Services, Inc. 1992b. *UST Closure Assessment, Building 160, Fort McPherson, Fulton County, Georgia.* April.

Ground Water Services, Inc. 1992c. *UST Closure Assessment, Building 164, Fort McPherson GA, Fulton County.* May.

Ground Water Services, Inc. 1991a. *UST Closure Assessment, Old 10,000 Gallon UST at Building 143 (PX Service Station).* December.

Ground Water Services, Inc. 1991b. *UST Data and Reporting.* December.

Hazardous Materials Engineering, Inc. 1986. *Asbestos Survey, Volume 1, Fort McPherson.* August.

HME Construction Company, Inc. 1991. *Close-Out Documentation, HME/Central Removal, Bldg. 65 [and 51]*.

HME Construction Company, Inc. 1989a. *Close-Out Documentation for Asbestos Abatement, Building #47, Fort McPherson, Georgia*.

HME Construction Company, Inc. 1989b. *Close-Out Documentation for Asbestos Abatement, Building #101, Ft. McPherson, Georgia*. June.

HME Construction Company, Inc. 1989c. *Close-Out Documentation, Building #171, Fort McPherson*. July.

HME Construction Company, Inc. 1989d. *Asbestos Abatement Close-Out Documentation for Building #205, Ft. McPherson, Georgia*.

HME Construction Company, Inc. 1988a. *Close-Out Documentation, Building #180, Fort McPherson*. July.

HME Construction Company, Inc. 1988b. *Close-Out Documentation, Building #205, Ft. McPherson, Georgia*.

HME Construction Company, Inc. 1988c. *Close-Out Documentation for Asbestos Abatement, Building #403 & #735, Ft. Gillem, Georgia*.

HOK, Urban Collage, Glatting Jackson, URS and Market + Main, 2007. *Fort McPherson Outreach and Land Use Plan*, September.

J.J. Morley Enterprises, Inc. 1998. *Post Job Submittals For: Fort McPherson Bldg 185, 1309 Anderson Way SW, Fort McPherson, GA 30330-1096*. September.

Jacobs Engineering Group, Inc. 2012. *Amended Land Use Plan, October 2012*.

Kemron Environmental Services, Inc. 1996. *Concept Phase Submittal, Specifications, Field Investigation, and Design of an Oil Water Separator, Auto Crafts Shop, Fort McPherson, Atlanta, Georgia*. October.

Kemron Environmental Services, Inc. 1995. *Asbestos Survey, Buildings 362 and 46, Fort McPherson, Georgia*. May.

Kiber Environmental Services, Inc. 1996. *Fort McPherson Golf Course Soils Remediation Report of Activities, Fort McPherson, Georgia*. February.

Law Engineering, Inc. 1995. *Final Report of Initial Site Characterization, Building 454, Fort McPherson, Georgia*. May.

Law Environmental, Inc. 1990. *Underground Storage Tank (UST) Survey and Final Recommendations for Ft. McPherson and Ft. Gillem, Georgia*. June.

Legacy Environmental Services, Inc. 1992. *Tank Closure and UST Site Assessment, Fort McPherson, Georgia*. January.

M.S. Environmental Consultants, Inc. 1996. *Underground Storage Tank Closures, Army Atlanta Contracting Center, Building 143, PX Gas Station, Ft. McPherson, GA*. June.

Malcolm Pirnie. 2006. *Historical Records Review, Fort McPherson, Atlanta, Georgia*. January.

Malcolm Pirnie. 2004. *U.S. Army Phase 3 Range/Site Inventory Summary Report, Volume 2*. Final. October.

Malcolm Pirnie. 2002. *Closed, Transferring and Transferred Range/Site Inventory Report, Fort McPherson, Georgia*. August.

McPherson Implementing Local Redevelopment Authority (MILRA). 2010. *Fort McPherson Research Park Master Plan and District Conceptual Plan*. November.

Nakata Planning Group, LLC. 1998. *Environmental Assessment Real Property Master Plan, Fort McPherson*. March.

National Lead Detection Services, Inc. 1993. *Memorandum thru Environmental Officer for Project Manager, Mr. Harry Crew, Bldg. 40 Lead Survey*. March.

North Wind, Inc. 2010. *Work Plan for Site Investigation of the Small Arms Range (FTMP-12 & Crematory Site (FTMP-14), Fort McPherson, Georgia*. October.

Parsons Engineering Science, Inc. 1996a. *Corrective Action Plan Part – A, Building 454*. June.

Parsons Engineering Science, Inc. 1996b. *UST Compliance Evaluation Report*. December.

Parsons Engineering Science, Inc. 1996c. *UST Tightness Testing Report*. December.

Parsons Engineering Science, Inc. 1995. *Work Plan for Corrective Action Plan – Part A, Building 454*. November.

PB&A, Inc. 2012. *Community Involvement Plan for Fort McPherson, GA*. Draft. September.

Personal communication (email), Todd Harbage (AEROSTAR), November 26, 2012.

Precision Environmental Management, Inc. 1995a. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, Georgia*. January.

Precision Environmental Management, Inc. 1995b. *Operations and Maintenance (O&M) Plan for Building #22, Fort McPherson, Georgia*. January.

Precision Environmental Management, Inc. 1995c. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #27, Fort McPherson*. January.

Precision Environmental Management, Inc. 1995d. *Operations and Maintenance (O&M) Plan for Building #28, Fort McPherson, Georgia*. January.

Precision Environmental Management, Inc. 1995e. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #57, Fort McPherson*. January.

Precision Environmental Management, Inc. 1995f. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #58, Fort McPherson*. January.

Precision Environmental Management, Inc. 1995g. *Operations and Maintenance (O&M) Plan for Building #58, Fort McPherson, Georgia*. January.

Precision Environmental Management, Inc. 1995h. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #59, Fort McPherson.* January.

Precision Environmental Management, Inc. 1995i. *Operations and Maintenance (O&M) Plan for Building #59, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995j. *Operations and Maintenance (O&M) Plan for Building #60, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995k. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #61, Fort McPherson.* January.

Precision Environmental Management, Inc. 1995l. *Operations and Maintenance (O&M) Plan for Building #61, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995m. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #62, Fort McPherson.* January.

Precision Environmental Management, Inc. 1995n. *Operations and Maintenance (O&M) Plan for Building #62, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995o. *Operations and Maintenance (O&M) Plan for Building #63, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995p. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #100, Fort McPherson.* January.

Precision Environmental Management, Inc. 1995q. *Operations and Maintenance (O&M) Plan for Building #100, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995r. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #101, Fort McPherson.* January.

Precision Environmental Management, Inc. 1995s. *Operations and Maintenance (O&M) Plan for Building #101, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995t. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #170, Fort McPherson, Volume I.* January.

Precision Environmental Management, Inc. 1995u. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #170, Fort McPherson, Volume II.* January.

Precision Environmental Management, Inc. 1995v. *Operations and Maintenance (O&M) Plan for Building #170, Fort McPherson, Georgia.* January.

Precision Environmental Management, Inc. 1995w. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #171, Fort McPherson, Volume I.* January.

Precision Environmental Management, Inc. 1995x. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #171, Fort McPherson, Volume II*. January.

Precision Environmental Management, Inc. 1995y. *Operations and Maintenance (O&M) Plan for Building #171, Fort McPherson, Georgia*. January.

Precision Environmental Management, Inc. 1995z. *Asbestos Survey and Management Plan for Selected Buildings on Fort Gillem and Fort McPherson, GA, Asbestos Survey of Building #422, Fort McPherson, Volume I*. January.

Precision Environmental Management, Inc. 1995aa. *Operations and Maintenance (O&M) Plan for Building #422, Fort McPherson, Georgia*. January.

PROTECH Contractors, Inc. 2002. *Post Project Information, Army Atlanta Contracting Center, Asbestos Abatement Building 169 [Fort McPherson, Georgia]*.

PROTECH Contractors, Inc. 2001. *Army Atlanta Contracting, Post Project Information, Bldg. 105*.

Reams Enterprises, Inc. 2002. *Project Notification for Asbestos Renovation, Encapsulation or Demolition Project, Building 169, Ft. McPherson*.

RMS Corporation. 1992. *Master Plan, Fort McPherson Storage Tanks, General Site Map, Drawing No. 18-02-03*. Revised. March.

RMS Corporation. 1988. *Master Plan, Fort McPherson Storage Tanks, General Site Map, Drawing No. 18-02-03*. March.

Sailors Engineering Associates, Inc. 1990. *Partial Phase II Investigation, Fort McPherson, Bldg. #105, Highway 29, Fulton County, Georgia*. December.

Seiler & Associates, Inc. 2013. *Boundary Survey for McPherson Implementing Local Redevelopment Authority, Land Lots 121, 135, 136, 153, 154, 14th District (City of Atlanta), Fulton County, Georgia*. July 8.

Seymour Service Co., Inc. Undated. *Fort McPherson, Underground Storage Tank Removal, Building 205*.

Shaw Environmental, Inc. 2009a. *Closure Letter Report, Base Realignment and Closure 2005, UST Site Investigation, Building 40 UST, Parcel 12(2), Fort McPherson, Georgia*. March.

Shaw Environmental, Inc. 2009b. *Closure Letter Report, Base Realignment and Closure 2005, UST Site Investigation, Building 104 UST, Parcel 13(2), Fort McPherson, Georgia*. March.

Shaw Environmental, Inc. 2009c. *U.S. Army BRAC 2005 Site Investigation Report, Ft. McPherson, Fulton County, Georgia*. Draft. April.

Shaw Environmental, Inc. 2007a. *U.S. Army Base Realignment and Closure 2005, Environmental Condition of Property Report, Fort McPherson, Fulton County, Georgia*. Final. January.

Shaw Environmental, Inc. 2007b. *U.S. Army Base Realignment and Closure 2005, CERFA Report, Fort McPherson, Fulton County, Georgia*. Final. January.

Shaw Environmental, Inc. 2007c. *U.S. Army Base Realignment and Closure 2005, Final Site Investigation Work Plan, Fort McPherson and Fort Gillem*. October.

Shaw Environmental, Inc. 2007d. *Geophysical Investigation Report – Geophysical Mapping for Potential Underground Storage Tanks, Fort McPherson, Fulton County, Georgia*. Draft. September.

Soil and Environmental Testing Services, Inc. 1993. *Laboratory Results – Bulk Sample Analysis*. August 23.

Staubach. 2006. *Fort McPherson, Fort McPherson, GA, Site Assessment Report, Transition from the Army to the Community*. May.

U.S. Army Center for Health and Promotion and Preventative Medicine (USACHPPM). 2000. *Environmental Compliance Assessment System*. July.

U.S. Army Corps of Engineers (USACE). 2010. *Environmental Impact Statement for Disposal and Reuse of Fort McPherson, Georgia*. November.

U.S. Army Corps of Engineers (USACE). 2008. *Environmental Assessment for Disposal and Reuse of Fort McPherson, Georgia*. February.

U.S. Army Corps of Engineers (USACE). 2005. *FY2006 Installation Action Plan, Fort McPherson, Georgia*. March.

U.S. Army Corps of Engineers (USACE). 2001. *Fort McPherson Installation Action Plan, October 2001 IAP*. October.

U.S. Army Corps of Engineers (USACE). 1999. *Ground-Water Investigation, Barracks and Golf Course Remediation Area, Fort McPherson, Fulton County, Georgia*. February.

U.S. Army Corps of Engineers, EMDC Baltimore District. 2013. *Probability Assessment, Encountering MEC, Fort McPherson Installation, GA*. March.

U.S. Army Corps of Engineers, Environmental & Materials Unit. 2002. *Asbestos Survey, Building No. 205, Fort McPherson, Georgia*. September.

U.S. Army Corps of Engineers, South Atlantic Division, U.S. Army Engineer Division Laboratory. 1997a. *Lead-Based Paint Survey, Building No. 40, Fort McPherson, Georgia*. April.

U.S. Army Corps of Engineers (USACE), U.S. Army Engineer Division Laboratory. 1997b. *Asbestos Survey, Building No. 40, Fort McPherson, Georgia*. April.

U.S. Army Corps of Engineers, South Atlantic Division, U.S. Army Engineer Division Laboratory. 1997c. *Asbestos Survey, Building No. 100, Fort McPherson, Georgia*. January.

U.S. Army Directorate of Public Works, Fort McPherson, Georgia. 1996. *Building 105, Site Corrective Action Plan, Part B*. July.

U.S. Army Environmental Hygiene Agency. 1990. *Environmental Program Review Number 31-24-7202-90 Fort McPherson, Fort McPherson, Georgia*. April.

U.S. Army Environmental Hygiene Agency. 1962. *Report of Industrial Hygiene Survey No. 3959S24-62, Atlanta, Georgia*. March.

U.S. Army Environmental Hygiene Agency. 1961. *Industrial Hygiene Survey No. 3817S32-61, Atlanta, Georgia.* March.

U.S. Army Environmental Hygiene Agency. 1960. *Report of Special Study No. 3564S54-60/61 Occupational Health Hazards, Third U.S. Army Central Dental Laboratory, Ft. McPherson, Georgia.* March.

U.S. Army Environmental Hygiene Agency. 1958. *Report of Industrial Hygiene Survey No. 30338136-58/59.* August.

U.S. Army Fort McPherson. 2009. *Site Investigation, Draft Final.* 9 April.

U.S. Army Fort McPherson. 2008a. *Final Spill Prevention, Control, and Countermeasures (SPCC) Plan, Fort McPherson, Georgia.* February.

U.S. Army Fort McPherson. 2008b. *Fort McPherson Asbestos Management Program Plan, Fort McPherson and Fort Gillem, Georgia.* April.

U.S. Army Fort McPherson. 2008c. *Fort McPherson Lead Hazard Management Program Plan, Fort McPherson and Fort Gillem, Georgia.* May.

U.S. Army Fort McPherson. 2007. *Outreach and Land Use Plan, Fort McPherson Local Redevelopment Authority.* September.

U.S. Army Garrison. 2001. *Fort McPherson and Fort Gillem: The First Hundred and Sixteen Years 1885-2001.*

U.S. Army Medical Laboratory, Environmental Health Engineering Division. 1968. *Report of Industrial Hygiene Survey, Fort McPherson, Georgia.* July.

U.S. Army Toxic and Hazardous Materials Agency (USATHAMA). 1983. *Installation Assessment of Fort McPherson, Atlanta, Georgia.*

U.S. Department of Army. 2003. *Lead Hazardous Management Program Plan, Fort Gillem, Fort McPherson, Georgia.* April.

U.S. Department of Army. 2002. *Integrated Cultural Resources Management Plan, Fort Gillem, Fort McPherson, Georgia.* July.

U.S. Department of Army. 2001. *Asbestos Management Program Plan, Fort Gillem, Fort McPherson, Georgia.* October.

U.S. Department of Army. 1999. *Memorandum, Subject: "Access to Employee Exposure and Medical Records (Air Sample Results) Building 200 Basement, Radon".* January 27.

U.S. Department of the Army. 1996a. *Letter to Hazardous Waste Branch, Georgia Department of Natural Resources from Chief, Environmental Division, Fort McPherson, Georgia.* July 18.

U.S. Department of Army. 1996b. *Memorandum, Subject: "Clarification of 'Uncontaminated' Environmental Condition of Property at Base Realignment and Closure (BRAC) Installation".* October 21.

U.S. Department of Army. 1990. *Memorandum, Subject: "Radon Test Results".* June 7.

U.S. Department of Army. 1976. *Occupational Vision Survey No, 32-045-76, Fort McPherson Georgia.* March.

U.S. Geological Survey. 2011. *Groundwater Conditions and Studies in Georgia, 2008-2009. Scientific Investigations Report 2011-5048.*

U.S. Public Health Service, Federal Occupational Health Program and Atlanta Environmental Management, Inc. 1999. *Addendum to Underground Storage Tank Product Lines Closure Report, Building 200, Sayers Street, Fort McPherson, Fulton County, Georgia.* July.

War Department, Ordnance Office, Washington, D.C. 1935. *Memorandum to Quartermaster General, Fort McPherson [Re: Proposed Magazine Construction].* September 18.

Wenck Associates, 2011. *Environmental Condition of Property (ECP) Report Update, Fort McPherson, Georgia.*

ENCLOSURE 4

TABLE 1 – DESCRIPTION OF PROPERTY

Building Number and Property Description ⁹	ECP Parcel Designation	Condition Category	Remedial Actions
FTMP-02, Building 41 UST (SJA Office)	2(2)PS/PR	2	1991 – UST system removed. Contaminated soil (157 tons) overexcavated and disposed to offsite landfill. Some contaminated soil left in place due to existing structures. 1992 – UST closure report submitted. Army considered the site as RC (IAP, 2006). 2010-2011 – Additional assessment conducted. Closure report submitted. GAEPD approved NFA.
FTMP-03, Building 346 Waste Oil Tank (Motor Pool Gas Station)	3(2)PS/PR	2	1991 – Waste oil UST removed. Contaminated soil overexcavated. 1992 – Closure report submitted. 1993 – Army considered the site as RC (IAP, 2006). 2007 – Two downgradient temporary wells installed and sampled. 2009 – SI report recommended NFA. 2010-2011 – Additional assessment conducted. 2012 – Closure report submitted. GAEPD approved NFA.
FTMP-04, Building 346 Oil/Water Separator (Motor Pool Gas Station)	4(1)PS	1	1988 – PA conducted. Army considered the site as RC (IAP, 2006). Prior to 2011 – OWS periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract. No known environmental concerns associated with OWS. 2011 – OWS pumped out at Post closure. Contents disposed as non-regulated waste.
FTMP-05, Building 370 Oil/Water Separator (Auto Craft Shop)	5(2)PS/PR(P)	2	1988 – PA conducted. Army considered the site as RC (IAP, 2006). 1998-1999 (approx) – Junction box to OWS broken. Stormwater runoff entered OWS causing system backup. 1999 – Repairs made and OWS replaced. Contaminated soil excavated. Prior to 2011 – OWS periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract. 2011 – OWS pumped out at Post closure. Contents disposed as non-regulated waste.
FTMP-07, Building 357 DEH Maintenance OWS (Demolished)	7(1)PS	1	1988 – PA conducted. Army considered site as RC (IAP, 2006). Prior to 2011 – OWS periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract. Unknown date – OWS demolished.
FTMP-08, Building 370 Waste Oil Tank	8(2)PS/PR	2	1988 – PA conducted. 1993 – Waste oil tank removed. Contaminated soil overexcavated. Army recommended NFA. 1994 – Replacement waste oil AST with secondary containment installed. Army considered site as RC (IAP, 2006). 2010 – Closure assessment conducted. 2011 – Closure report submitted. GAEPD approved No Additional Assessment Required.
FTMP-09, Building 143 PX Station (Demolished)	9(2)PS/PR	2	1996 – UST removed and Building 143 demolished. Piping trench and dispenser area overexcavated (363 tons contaminated soil removed). Soil venting system installed in tank pit and dispenser excavations. Closure report submitted. NFA recommended for soil. 1994 – CAP submitted for groundwater contamination. 1997 – Three wells installed to vertically define TPH. LPH intercepted. CAP Part A amended to include dual-phase recovery system. 1997 – Remediation/corrective action started/ongoing. 2007 – Two Aggressive Fluid/Vapor Recovery

⁹ Building information taken from the Fort McPherson Asset Report dated January 12, 2012.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description ⁹	ECP Parcel Designation	Condition Category	Remedial Actions
			events conducted with 1,146 gallons of impacted groundwater recovered. 2008 – Site Summary Report submitted. GAEPD approved CAP Part A. Two monitoring wells installed. Six wells sampled. 2009 – Three monitoring wells, two recovery wells and one air sparge well installed. 2010 – CAP Part B submitted. GAEPD approved MPE for full-scale remediation. MPE system installed. 2011- MPE system activated. 2012 – 14,850 pounds TRPH removed. MPE shut down. Monitoring only is ongoing.
FTMP-10, Vet Clinic/Old PX Station (located at Building 105)	10(2)PS/PR	2	1990 – One UST removed and one UST closed in place. Three borings and one monitoring well installed. Initial site characterization report submitted to GAEPD. Three additional monitoring wells installed. Two wells intercepted free product. 1995 – CAP Part A submitted to GAEPD. 1996 – CAP Part B submitted to GAEPD. 1997 to 2007 – Eight monitoring wells installed. 1995 – Free product recovery started. 2007 – Two vacuum recovery events with 180 gallons of impacted groundwater recovered. 2008 – Two monitoring wells installed. 2009 – Five monitoring wells, two recovery wells, one air sparge well installed. 2010 – CAP Part B recommending MPE submitted to GAEPD. 2011 – MPE system activated. 2012 – Approximately 33,250 pounds of TRPH removed. Remediation/groundwater monitoring is ongoing.
FTMP-12, Small Arms Range (also known as Fort McPherson Range)	27(4)HR	4	2011 – Phase I SI conducted. 2012 – IRA started. Concrete block in range building tested with XRF prior to crushing offsite. Rubber block disposed to Subtitle C landfill. Metal roofing disposed to metal recycler. Lead-contaminated soil excavated (5,842 cubic yards) and lead stabilized onsite. Contaminated soil exceeding regulatory criteria disposed to Subtitle D landfill. Approximately 150-200 cubic yards of contaminated soil still require excavation, pending funding. Army assumes IRA will be completed and NFA approved prior to Property transfer. (Army has downgraded the ECP Category from 7 to 4 due to conduct of the IRA that is nearing completion.)
The Post	24(1)	1	The majority of the Fort McPherson areas where no release or disposal of hazardous substances or petroleum product has occurred, and to which there has been no migration of such substances from adjacent areas.
Bldg. 1, Family Housing 1E & 1W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 2, Family Housing Qtrs 2E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 3, Family Housing Qtrs 3E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 4, Family Housing Qtrs 4E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 5, Family Housing Qtrs 5	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 6, Family Housing Qtrs 6A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 7, Family Housing Qtrs 7A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 8, Family Housing Qtrs 8E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 9, Family Housing Qtrs 9E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 10, Family Housing Qtrs 10	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 11, Family Housing Qtrs 11E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 12, Family Housing Qtrs 12E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 13, Family Housing Qtrs 13E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 14, Family Housing Qtrs 14E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 15, Family Housing Qtrs 15E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 17, Family Housing Qtrs 17E&W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 18, Family Housing Qtrs 18	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 19, Family Housing Qtrs 19E/W	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 20, Family Housing Qtrs 20	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 22, The Chateau – Dis Housing/Bil	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 23, Hsg Qtrs 20 Garage 23A	24(1)	1	Building assumed to contain LBP.
Bldg. 24, Quarters 18, 19 & 20 Garage 24ABCD	24(1)	1	Building assumed to contain LBP.
Bldg. 25, Garage for Bldgs 15, 17	24(1)	1	Building assumed to contain LBP.
Bldg. 26, Garage for Bldgs 13, 14	24(1)	1	Building assumed to contain LBP.
Bldg. 27, VEQ & VOQ 6 Apts	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 28, VEQ & VOQ 6 Apts	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 29, Garage for Bldgs 11, 12	24(1)	1	Building assumed to contain LBP.
Bldg. 30, Garage for Bldg 10	24(1)	1	Building assumed to contain LBP.
Bldg. 31, Garage for Bldgs 8, 9	24(1)	1	Building assumed to contain LBP.
Bldg. 32, Garage for Bldgs 5, 6, 7	24(1)	1	Building assumed to contain LBP.
Bldg. 33, Garage for Bldg 5	24(1)	1	Building assumed to contain LBP.
Bldg. 34, Garage for Bldgs 3, 4	24(1)	1	Building assumed to contain LBP.
Bldg. 35, Garage for Bldgs 1, 2	24(1)	1	Building assumed to contain LBP.
Bldg. 40, Pershing Hall – BOQ 13 Apts	12(2)PS/PR, downgraded to 24(1)	2, downgraded to 1	Building assumed to contain LBP. Survey results indicate ACM in building. One UST removed. GAEPD approved No Additional Assessment Required. Army has downgraded the ECP Category Code from 2 to 1 due to the absence of a petroleum release.
Bldg. 41, Van Horn Hall – SJA Bldg	2(2)PS/PR	2	Building assumed to contain LBP. Survey results indicate ACM in building. One UST removed. GAEPD approved NFA.
Bldg. 42, Protestant Chapel	24(1)	1	Building assumed to contain LBP.
Bldg. 43, Stg Shed	24(1)	1	None
Bldg. 46, Recreation Ctr	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 47, DIS Maint Bldg	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 48, Storage Behind Bldg 47	24(1)	1	None
Bldg. 49, Propane Gas Facility	24(1)	1	None
Bldg. 50, DOIM & Contract Postal Ops	24(1)	1	Building assumed to contain LBP.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Fac			
Bldg. 51, Post Chaplain	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 52, Tax Center	24(1)	1	Building assumed to contain LBP.
Bldg. 53, Red Cross Bldg	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 54, 214 th Band Storage	24(1)	1	Building assumed to contain LBP.
Bldg. 56, Post Museum/AAA	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 57, 214 th Ground Band	24(1)	1	Building assumed to contain LBP.
Bldg. 58, BRAC Office	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 59, Continuing Edu/Training Facil	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 60, DCA Community Bldg	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 61, Conference & Training Rooms	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 62, Conference & Training Rooms	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 63, Dir of Human Res	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 65, Post HQs, Hodges Hall	24(1), upgraded to 9(2)PS/PR	1, upgraded to 2	Building assumed to contain LBP. Survey results indicate ACM in building. One onsite AST. GAEPD approved No Additional Assessment Required. Army upgraded ECP Condition Category from 1 to 2 due to a petroleum release. Revised parcel designation based on closest PS/PR parcel.
Bldg. 100, CID Residence Office	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg 101, DPS/MP Facility	12(2)PS/PR	2	Building assumed to contain LBP. Survey results indicate ACM in building. 1992 – Confirmed surface petroleum spill (less than 16 ounces) east of Buildings 101/102 reported to GAEPD. 2002 – GAEPD approved NFA. 2011 – Additional assessment conducted including GPR and soil/groundwater sampling. GAEPD approved NFA.
Bldg. 102, PMO	12(2)PS/PR	2	Building assumed to contain LBP. 1992 – Confirmed surface petroleum spill (less than 16 ounces) east of Buildings 101/102 reported to GAEPD. 2002 – GAEPD approved NFA. 2011 – Additional assessment conducted including GPR and soil/groundwater sampling. GAEPD approved NFA. Army upgraded from ECP Category 1 to 2 due to the surface fuel spill reported between Buildings 101 and 102.
Bldg. 104, Fed Gov Emp Union Bldg	10(2)PS/PR	2	Building assumed to contain LBP. One UST removed. GAEPD approved NFA.
Bldg. 105, Vet Animal Clinic	10(2)PS/PR	2	Building assumed to contain LBP. Two USTs – one closed in place, one removed. Site in remediation. See FTMP-10.
Bldg. 106, Main Fire Station	13(2)PS/PR(P), downgraded to 24(1)	2, downgraded to 1	Building assumed to contain LBP. UST at Bldg. 106/119 removed. GAEPD approved NFA. Army has downgraded the ECP Category Code from 2 to 1 due to the absence of a petroleum release.
Bldg. 107, Lee Street Sentry Station	24(1)	1	None
Bldg. 110, Fire Generator House	10(2)PS/PR	2	Building assumed to contain LBP. One onsite AST. GAEPD approved No Additional Assessment Required. Building has no known CERCLA concerns; however, it is within a Category 2 area.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 119, Fire Quarters	13(2)PS/PR(P), downgraded to 24(1)	2, downgraded to 1	UST at Bldg. 106/119 removed. GAEPD approved NFA. Army has downgraded the ECP Category Code from 2 to 1 due to the absence of a petroleum release.
Bldg. 135, DCA Leisure Activity	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 136, Fam Qtrs/Fhsg NCO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 137, Fam Qtrs/Fhsg NCO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 138, Fam Qtrs/Fhsg NCO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 139, Fam Qtrs/Fhsg NCO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 140, Fam Qtrs/Fhsg NCO	24(1)	1	Building assumed to contain LBP.
Bldg. 141, Fam Qtrs/Fhsg NCO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 142, Fam Qtrs/Fhsg Sr NCO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 144, DPTMS Storage	14(2)PS/PR	2	Building assumed to contain LBP. Building has no known CERCLA concerns; however, it is in a Category 2 area.
Bldg. 159, Antenna Tower Near Bldg 160	14(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Unnumbered Antenna Tower Near Bldg. 159 Antenna	14(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 160, AACC/Admin Boiler Plant	14(2)PS/PR	2	Building assumed to contain LBP. Survey results indicate ACM in building. 2011 – AST/UST closure reports for regulated and unregulated tanks submitted. 2012 – GAEPD approved NFA for unregulated tanks and No Additional Assessment Required for unregulated tanks.
Bldg. 162, USAHC/TRICARE Center IMO	14(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 167, Behavioral Science	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 168, VOQ/ FORSCOM Hist/DSS	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 169, SERO/IMA	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 170, SERO/IMA	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 171, SERO/IMA	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 172, SERO Smoking Shelter	14(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 178, 214 th Band	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 179, IG Office (past use – entomology lab)	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building. Historical use of radioactive material in building. No remedial action required.
Bldg. 180, Laboratory – Vacant, Closed due to BRAC	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building. Historical use of radioactive material in building. No remedial action required.
Bldg. 181, DPW/OPNS/TRANS/ID	14(2)PS/PR	2	Building assumed to contain LBP. Survey results indicate ACM in building. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 182, Laboratory – Vacant, Closed due to BRAC	14(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 183, Post Theater	14(2)PS/PR, downgraded to 24(1)	2, downgraded to 1	Building assumed to contain LBP. Survey results indicate ACM in building. One UST removed. GAEPD approved No Additional Assessment Required. Army has downgraded the ECP Category Code from 2 to 1 due to the absence of a petroleum release.
Bldg. 184, DFAS/CPAC/DHR–Rice Hall	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 185, Smoking Shelter	24(1)	1	None
Bldg. 186, PX Laundry Outl	14(2)PS/PR	2	Building assumed to contain LBP. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 200, Marshall Hall – FORSCOM HQs	15(2)PS/PR	2	1996 – UST passed tightness test. 1998 – UST upgraded in place; product lines replaced. Product line trench overexcavated and 13.9 tons contaminated soil disposed offsite. 1998 – UST closure report submitted. 1999 – UST closure report addendum submitted. GAEPD approved NFA. 2010 – Additional assessment conducted. 2012 – GAEPD approved No Additional Assessment Required. 2012 – UST temporarily out of use.
Bldg. 200, Smoking Shelter	15(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 205, DOIM/IMO	15(2)PS/PR	2	Building assumed to contain LBP. Survey results indicate ACM in building. 1990 – UST removed. Petroleum constituents below regulatory criteria in closure soil samples. 2007 – Boring advanced at former tank pit. No detectable petroleum hydrocarbons encountered. 2009 – Closure report submitted. 2012 – Closure report resubmitted. GAEPD approved NFA.
Bldg. 206, IMO/USARC	15(2)PS/PR	2	Building assumed to contain LBP. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 207, Standby Gen Bld	15(2)PS/PR	2	Building assumed to contain LBP. 1990 – UST removed. 2010 – Additional UST assessment conducted. No petroleum hydrocarbons detected. 2011 – Closure report submitted. GAEPD approved NFA. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Smoking Shelter, near Bldg. 205	15(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 215, Gazebo at Bldg. 200	24(1)	1	None
Bldg. 238, Cafeteria/PX Mini Mall	24(1)	1	None
Bldg. 240, Post Chapel	24(1)	1	Building assumed to contain LBP.
Bldg. 241, Chapel Rec Shelter	24(1)	1	None
Bldg. 243, DPTMS Operations Div	24(1)	1	None
Bldg. 250, Post Library	24(1)	1	None
Bldg. 303, Electrical Substation	15(2)PS/PR	2	Building assumed to contain LBP. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 309, Overhead Protection Front Gate Check Point	24(1)	1	None
Bldg. 311, Sentry Station at South Gate	24(1)	1	None
Bldg. 312, Welcome Center Vehicle	24(1)	1	None

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Register			
Bldg. 313, USARC Parking Deck	24(1)	1	None
Bldg. 315, USARC Headquarters	24(1)	1	One onsite AST. 2010 – Closure assessment conducted. 2012 – Closure report submitted. GAEPD approved No Additional Assessment Required.
Bldg. 316, USARC Smoking Shelter	24(1)	1	None
Bldg. 326, Mars Hi Frequency Bldg	16(2)PS/PR(P), downgraded to 24(1)	2, downgraded to 1	Building assumed to contain LBP. Survey results indicate ACM in building. 1990 – UST removed. 2010 – Additional assessment conducted. 2011 – Closure report submitted. 2012 – GAEPD approved NFA. One onsite AST: 2010 – Closure sampling conducted. No petroleum hydrocarbons detected. 2012 – GAEPD approved No Additional Assessment Required. Army downgraded ECP Condition Category from 2 to 1 due to the absence of a petroleum release.
Bldg. 328, Janitorial Cont (Worktec)	24(1)	1	None
Bldg. 329, Golf Waiting Shelter	24(1)	1	Building assumed to contain LBP.
Bldg. 331, Milstar J6/DOIM/USAF	24(1), upgraded to 17(2)PS/PR	1, upgraded to 2	Two onsite ASTs for emergency generators. 2013 – Closure sampling conducted. Petroleum hydrocarbons in soil below regulatory criteria. GAEPD approved No Additional Assessment Required. Army upgraded ECP Condition Category from 1 to 2 due to the petroleum release. Revised parcel designation based on closest PS/PR parcel.
Bldg. 336, MWR Wash Platform	3(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 337, Storage Bldg	3(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area
Bldg. 338, LEA/PMO Parade Field Stg Fac	3(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 339, Rds & Grds Ofc, Maint & Stg Fac	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 340, Golf Course Maint Fac	17(2)PS/PR	2	Two onsite ASTs. GAEPD approved No Additional Assessment Required. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 341, DIS and DPCA Pesticide Stg Fac	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 343, Hazmat Bldg	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 344, Recycle Drop Off Point	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 346, Rds & Grds Ofc & Break Fac	4(2)PS ¹⁰	2	One AST in place. GAEPD approved No Additional Assessment Required. Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 347, Golf Toilet	24(1)	1	Building assumed to contain LBP.
Bldg. 348, Offl/Leisure Trvl Ofc/SATO	17(2)PS/PR	2	Survey results indicate ACM in building. Building has no known CERCLA concerns; however, it is in a Category 2 area.
Bldg. 349, Fertilizer Bldg	24(1)	1	None

¹⁰ Figure 15 in the ECP Report (Shaw, 2007) lists the category code as 4(1)PS. This appears to be a typographical error with the correct category code being 4(2)PS.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 350, DPW/DOL POL Fueling Station	17(2)PS/PR	2	1989 – Tank testing conducted. 1991 – One waste oil UST removed and contaminated soil overexcavated. 1992 – One diesel and two gasoline USTs removed and contaminated soil overexcavated. Closure report submitted. 2007 – Two temporary wells installed and groundwater samples collected. 2011 – One diesel and one gasoline UST removed. 2010-2011 – Additional assessment conducted. 2012 – Closure report submitted. GAEPD approved NFA.
Bldg. 353, Hazmat Storage Shed	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is in a Category 2 area.
Bldg. 354, Vet Dog Kennels	24(1)	1	Building assumed to contain LBP.
Bldg. 355, Wash Platform	24(1)	1	Building assumed to contain LBP.
Bldg. 362, Shredder Building	24(1)	1	None
Bldg. 365, Commissary	24(1)	1	One onsite AST. GAEPD approved No Additional Assessment Required.
Bldg. 366, USAHC Refill Pharmacy	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 368, PX Auto Pride	17(2)PS/PR	2	2010 – USTs removed. 2010-2011 – UST closure assessment conducted. 2012 – Closure report, CAP Part A and CAP Part B submitted. Started two-year monitoring-only period.
Unnumbered Wooden Enclosure on south side of Bldg 368 fuel dispensers	17(2)PS/PR	2	Building has no known CERCLA concerns; however, it is within a Category 2 area.
Bldg. 370, DPCA Auto Craft Shop	8(2)PS/PR	2	1993 – UST removed. Contaminated soil overexcavated. 1994 – AST installed. 2010 – Additional UST/AST assessment conducted. 2011 – Closure report submitted. GAEPD approved NFA.
Bldg. 380, Clothing Sales	24(1)	1	None
Bldg. 381, Gammon Ball Field Bleachers	24(1)	1	Building assumed to contain LBP.
Bldg. 400, DCA Youth Ctr & Handball Cts	24(1)	1	Building assumed to contain LBP.
Bldg. 401, Bowling Ctr & Home Team Fac	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 402, Golf Rest Area	24(1)	1	Building assumed to contain LBP.
Bldg. 403, Dugout/ Talmadge Behind Bowling	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 404, Dugout/ Talmadge Behind Bowling	24(1)	1	Building assumed to contain LBP.
Bldg. 405, Dugout/Gammon Behind Youth Ctr	24(1)	1	Building assumed to contain LBP.
Bldg. 406, MWR Pump House Facility	24(1)	1	None
Bldg. 407, Dugout/Gammon Near Walker Dr	24(1)	1	Building assumed to contain LBP.
Bldg. 408, Talmadge Ball Field Bleachers	24(1)	1	Building assumed to contain LBP.
Bldg. 409, Fam Hsg Enl Qtr Bldg A-H	24(1)	1	Building assumed to contain LBP.
Bldg. 410, FH NCO, A-H also (T)	24(1)	1	Building assumed to contain LBP.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 411, Wtr Pump Hs	24(1)		Building assumed to contain LBP.
Bldg. 412, Family Housing Detached Storag	24(1)	1	None
Bldg. 413, FH Detached Lawn Stg	24(1)	1	None
Bldg. 414, FH Detached Lawn Storage Bldg	24(1)	1	None
Bldg. 415, Indoor Lap Pool Facility	24(1)	1	None
Bldg. 416, Racquetball Ct	24(1)	1	None
Bldg. 417, Golf Waiting Shelter	24(1)	1	Building assumed to contain LBP.
Bldg. 418, FH Detached Storage Bldg	24(1)	1	None
Bldg. 419, DCA Sports Fields Stg Fac	24(1)	1	Building assumed to contain LBP.
Bldg. 421, Fitness Center	24(1)	1	None
Bldg. 422, Post Gym	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 427, Golf Spkr Pump	24(1)	1	Building assumed to contain LBP.
Bldg. 430, Detached Storage for Fam Hsg	24(1)	1	None
Bldg. 431, Detached Storage Bldg Fam Hsg	24(1)	1	None
Bldg. 432, FH Detached Stg Bldg	24(1)	1	None
Bldg. 433, FH Detached Storage Buildings	24(1)	1	None
Bldg. 436, School Bus Waiting Shelter	24(1)	1	None
Bldg. 441, DPCA Golf Course Waiting Shltr	24(1)	1	None
Bldg. 448, Early Pk Toilet	24(1)	1	Building assumed to contain LBP.
Bldg. 449, Target Stg	24(1)	1	Building assumed to contain LBP.
Bldg. 450, Range Store House	24(1)	1	None
Bldg. 477, HQ Cmdt Barracks Community Fac	6(4)HS/HR	4	Building has no known CERCLA concerns; however, it is in a Category 4 area.
Bldg. 478, Bn HQ	24(1)	1	None
Bldg. 480, HQ Co & A Co Company HQ	24(1)	1	None
Bldg. 481, B Company Co HQ Facility	24(1)	1	None
Bldg. 482, TUSA Company HQ Facility	24(1)	1	None
Bldg. 483, LEA/MP Company Co HQ Facility	24(1)	1	None
Bldg. 499, The Common Club	24(1)	1	None
Bldg. 501, Old Gate (closed)	24(1)	1	None

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 503, FH Detached Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 504, MP Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 506, Family Housing Qtrs 506A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 507, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 508, Family Housing Qtrs 508A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 509, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 510, Family Housing Qtrs 510A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 511, Fam Hsg Detached Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 512, Dickman Lod 3Br	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 514, DCA Child Care Facility	24(1)	1	Building assumed to contain LBP.
Bldg. 515, FH Officers Qtr (A&B)	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 516, Gazebo/Jacob Pk	24(1)	1	None
Bldg. 517, Pump/Filter Bld	24(1)	1	Building assumed to contain LBP.
Bldg. 518, Swm Pl Bath Hse	24(1)	1	Building assumed to contain LBP.
Bldg. 519, Outdoor Swimming Pool	24(1)	1	Building assumed to contain LBP.
Bldg. 522, Lee Hall/VIP Qtrs	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 523, FH Officers Qtr B&A	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 524, Fam Hsg Qtrs B&A	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 525, Chaumont Lodge/Fam Qtrs	24(1)	1	Building assumed to contain LBP.
Bldg. 526, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 527, Family Housing Qtrs B&A	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 528, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 529, FH Detached Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 530, School Bus Waiting Shelter	24(1)	1	None
Bldg. 532, FH CG & WO	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 533, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 534, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 535, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 536, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 537, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 538, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 539, FH Detached Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 540, FH Detached Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 541, FH Storage Detached	24(1)	1	Building assumed to contain LBP.
Bldg. 542, FH Detached Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Bldg. 543, FH Detached Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 544, FH Detached Lawn Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 545, FH Detached Storage Lawn Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 546, FH Detached Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 547, FH Detached Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 548, FH Detached Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 549, Fam Hsg Detached Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 550, Fam Hsg Detached Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 551, Fam Hsg Detached Lawn Stg	24(1)	1	Building assumed to contain LBP.
Bldg. 552, Fam Hsg Detached Lawn Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 553, Fam Hsg Detached Lawn Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 554, FH Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 555, FH Detached Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 556, FH Detached Lawn Stg Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 557, FH Detached Lawn Storage	24(1)	1	Building assumed to contain LBP.
Bldg. 558, FH Detached Lawn Storage Bldg	24(1)	1	Building assumed to contain LBP.
Bldg. 559, Rec Shelter Behind 602/603	24(1)	1	None
Bldg. 600, Rec Shelter Behind 601	24(1)	1	None
Bldg. 601, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 602, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 603, Family Housing Qtrs A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 604, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 605, FH Officers Qtr A&B	24(1)	1	Building assumed to contain LBP. Survey results indicate ACM in building.
Bldg. 608, Shed	24(1)	1	Building assumed to contain LBP.
Storage Shed, north northeast of Bldg. 350 (1 of 3)	3(2)PS/PR	2	Building has no known CERCLA concerns; however, it is in a Category 2 area.
Storage Shed, north northeast of Bldg. 350 (2 of 3)	3(2)PS/PR	2	Building has no known CERCLA concerns; however, it is in a Category 2 area.

TABLE 1 – DESCRIPTION OF PROPERTY (CONTINUED)

Building Number and Property Description⁹	ECP Parcel Designation	Condition Category	Remedial Actions
Storage Shed, north northeast of Bldg. 350 (3 of 3)	3(2)PS/PR	2	Building has no known CERCLA concerns; however, it is in a Category 2 area.
Golf Waiting Shelter, adjacent to southeast corner of Bldg. 499	24(1)	1	None
Storage Shed on east side of Bldg. 51	12(2)PS/PR	2	Building has no known CERCLA concerns; however, it is in a Category 2 area.
Storage Shed between Bldgs. 415 and 421	24(1)	1	None
Lake Nos. 1 through 4	24(1)	1	1974 – Fish kill in Lake No. 1 of undetermined cause. 1975 – Fish kill in Lake No. 2 caused by methoxychlor, source undetermined. 2002 (approx) – Lakes dredged and reconfigured with aerators.

Category 1: Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).

Category 2: Areas where only release or disposal of petroleum products has occurred.

Category 4: Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.

ENCLOSURE 5

TABLE 2 – NOTIFICATION OF HAZARDOUS SUBSTANCE STORAGE, RELEASE OR DISPOSAL

Building Number	Name of Hazardous Substance(s)	Date of Storage, Release, or Disposal	Remedial Actions
125, 340, 346, 370	Lamps and Batteries (Universal Waste)	Unknown – 2011	None
200, 315	Urea	Unknown – 2011	None
FTMP-12, Small Arms Range	Lead	1910 – Unknown (15-yard pistol range operational) 1977 – 2011 (small arms range operational)	2012 – Range control building (Building 455) demolished. Concrete block crushed after field screening with XRF. Rubber block on south wall disposed of to a Subtitle C landfill as a RCRA hazardous waste. Metal roofing sent to a metal recycler. Total of 5,891 cubic yards of lead-contaminated soil excavated, treated and disposed of to a Subtitle D landfill.

* The information contained in this notice is required under the authority of regulations promulgated under section 120(h) of the Comprehensive Environmental Response, Liability, and Compensation Act (CERCLA or ‘Superfund’) 42 U.S.C. §9620(h). This table provides information on the storage of hazardous substances for one year or more in quantities greater than or equal to 1,000 kilograms or the hazardous substance’s CERCLA reportable quantity (whichever is greater). In addition, it provides information on the known release of hazardous substances in quantities greater than or equal to the substances CERCLA reportable quantity. See 40 CFR Part 373.

ENCLOSURE 6

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
UNDERGROUND STORAGE TANKS			
Building 40, a 10,000-gallon ¹¹ , steel UST located at Building 40	Fuel Oil	1983 – Unknown	<p>USATHAMA (1983) reported one 10,000-gallon heating oil UST operating at the site until 1983. No archived information regarding tank closure or previous investigations available. The 2009 SI included a GPR survey that revealed no evidence of an existing 10,000-gallon UST. Excavation and piping locations were interpreted from survey data. Petroleum hydrocarbons were below MDLs in soil and groundwater samples from each area in 2007 and 2008. The 2009 closure report recommended NFA (Shaw Environmental, 2009c).</p> <p>The Shaw Environmental data was compiled into a closure report and submitted to GAEPD on August 15, 2012 (AEROSTAR, 2012a). GAEPD approved No Additional Assessment Required on November 14, 2012.</p>
41-FO1, a former unregulated 5,000-gallon steel UST, located on south side of Building 41, adjacent to southwest corner (FTMP-02)	No. 2 Diesel Fuel (heating oil)	1970 – 1991	<p>Tank removed. Visible staining of soil beneath fill port and product line leading to Building 41 observed. Soil contamination assumed due to overfills or a leak in product piping because no holes or cracks in tank were evident. Closure soil samples exceeded regulatory criteria for TPH and Total BTEX. Tank pit overexcavated and 157 cubic yards of contaminated soil disposed to Roberts Road Landfill in Fayetteville, GA. Confirmatory soil samples exceeded regulatory criterion for TPH (Ground Water Services, 1991b). Army reported a confirmed release to GAEPD on November 8, 1991. GAEPD directed an ISC on November 19, 1991. Closure report submitted in 1992. GAEPD approved NFA in 2002.</p> <p>Army conducted an additional assessment in 2011, including GPR survey and soil and groundwater sampling. BTEX and PAH were analyzed below MDLs in all samples. Closure report submitted on September 14, 2011 (AEROSTAR, 2011a). GAEPD approved NFA on November 9, 2011.</p>

¹¹ Tank is listed as 5,000 gallons on installation blueprints (RMS Corporation, 1988, 1992).

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
101/102 – Surface spill east side of buildings adjacent to retaining wall	Diesel	1992	<p>Army reported a confirmed petroleum release from an unknown source to GAEPD on October 2, 1992. GAEPD acknowledged by letter dated October 14, 1992 and requested an ISC. There are no known USTs and the reported spill was believed to be a surface spill yielding less than 16 ounces of product to a depth not exceeding 1.5 feet. Records indicate that GAEPD approved NFA in 2002 (Shaw Environmental, 2007c).</p> <p>Army conducted an additional assessment in 2011, including GPR survey and soil and groundwater sampling. No evidence of a UST system was found. BTEX and PAH were analyzed below MDLs in all samples. GAEPD issued NFA on November 9, 2011 (AEROSTAR, 2011b).</p>
Building 104, a 500-gallon UST located at Building 104	Petroleum Naphtha	1970 – Unknown	<p>Tank tested tight in 1989 (Dan Fitzgerald and Associates, 1989). A sketch of Building 105 identified a suspected tank location on the north side of the Building 105 (south side of Building 104) (Law Engineering, 1990). A 1991 memorandum from the Fort McPherson Safety Manager to DEH requested a UST leak report and abatement plan for the leaking tank at Building 104 be provided to the Safety Officer for review. No other archived information was located.</p> <p>A SI in 2009 included a geophysical survey of the suspect area. A tank excavation was interpreted from the survey data. VOCs were detected in soil samples below regulatory criteria. VOCs detected in the groundwater sample were attributed to the Building 105 plume. The 2009 closure report recommended NFA (Shaw Environmental, 2009c).</p> <p>Army conducted an additional assessment in 2010, including GPR survey and soil and groundwater sampling. No evidence of UST found. BTEX and PAH analyzed below MDLs in all samples. Closure report submitted to GAEPD on July 6, 2012 recommended No Additional Assessment Required (AEROSTAR, 2012b). Army submitted USEPA Form 7530, Notification Data for Underground Storage Tank to GAEPD on September 20, 2012. GAEPD approved NFA on September 27, 2012.</p>

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
105-MG1, a 5,000-gallon ¹² , steel UST located on the east side of Building 105 (FTMP-10)	Gasoline	1930s – 1990	<p>Tank removed by Seymour Services in February 1990. Stained soil observed on west wall of tank pit. Three borings and one monitoring well installed in March 1990 (Atlantic Geoscience, 1990). Army submitted an ISC to GAEPD on July 18, 1990 identifying petroleum-impacted soil and groundwater that exceeded regulatory criteria. Three monitoring wells installed in October 1990. Two of the wells intercepted LPH (Sailors Engineering, 1990). Eight additional monitoring wells installed between 1990 and 2007. In 1995, LPH was hand bailed and then recovered by pump. In 2007, 0.04 and 0.06 feet of LPH measured in two wells. In 2007, two vacuum recovery events recovered 180 gallons of impacted groundwater. In 2008, two monitoring wells installed and LPH (0.07 to 1.96 feet thick) measured in six wells (AEROSTAR, 2008a). Five monitoring wells, two recovery wells and one air sparge well installed in 2009. Field data indicated an easterly groundwater flow direction and migration of petroleum plume off-Post onto GDOT property (U.S. Highway 29). GDOT would not allow well installation in US Highway 29. GAEPD concurred that all investigation/remedial activities would occur on-Post. Results of investigation are presented in CAP Part A dated May 1995. CAP Part B for LPH recovery submitted to GAEPD in July 1996 (ENSR, 1996).</p> <p>Army submitted CAP Part B to GAEPD in February 2010 recommending MPE for full-scale remediation. GAEPD approved CAP Part B in February 2010. MPE system was started on March 22, 2011. Effluent soil vapor treated using electrically-heated catalytic oxidation. Approximately 33,250 pounds of TRPH removed through August 1, 2012. RAO is 3,000 µg/L of benzene sustained for a three-month period (AEROSTAR, 2013a). Remediation is ongoing.</p>
105-WO1, a 550-gallon UST located beneath the enclosed northwest corner of Building 105 (FTMP-10)	Waste Oil	1930s – 1990	<p>Tank closed in place. No apparent leaks occurred from this tank (Sailors Engineering, 1990). The 2007 ECP reported UST leaked resulting in soil and groundwater contamination (Shaw Environmental, 2007a). Remediation of release from this UST addressed as part of overall Building 105 remediation. See Tank 105-MG1.</p>

¹² There are discrepancies as to the capacity of 105-MG1. The 2007 ECP Report and Atlantic Geoscience (1990) identify the tank as a 10,000-gallon UST (Shaw Environmental, 2007). Other reports identify the tank as a 5,000-gallon UST (RMS Engineering, 1988, 1992; Sailors Engineering, 1990 and AEROSTAR, 2013a.)

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
106, a 3,000-gallon UST located at Buildings 106/119	Used Oil	Unknown - 1992	<p>Tank removed (Shaw, 2007a). No other archived documentation was located.</p> <p>Army conducted an additional assessment in 2010, including soil and groundwater sampling. BTEX and PAH analyzed below MDLs in all samples. Closure report submitted to GAEPD on July 6, 2012 requested No Additional Assessment Required (AEROSTAR, 2012c). GAEPD approved on September 26, 2012. Army submitted USEPA Form 7530, Notification Data for Underground Storage Tank to the GAEPD on September 20, 2012.</p>
143 – Confirmed release from fuel dispenser piping (FTMP-09)	Gasoline	1990	<p>Army reported a suspected release to GAEPD on October 26, 1990 after a failed line test. GAEPD acknowledged on November 2, 1990. Soil contamination verified and appeared to be caused by leaking pipes in dispenser area. GAEPD received Army’s letter report on December 11, 1990 advising maximum BTEX and TPH of 0.658 and 2,414 mg/kg, respectively in soil sample beneath one dispenser. GAEPD acknowledged confirmed release on January 18, 1991. GAEPD received Army’s letter report on February 8, 1991 advising of three new monitoring wells, 14 borings and 56 soil samples in January 1991 (Phase I). Maximum concentrations near tankfield. In Phase II, four additional borings advanced, two monitoring wells installed and 20 soil samples collected. Benzene was BDL in all samples. TPH ranged from 32 to 1,400 mg/kg. Monitoring wells sampled in August 1993. One additional monitoring well installed. Army submitted CAP Part A in May 1994. GAEPD requested fate and transport modeling in April 1996. GAEPD received UST closure report on July 3, 1991. See Tank 143-MG1.</p>
143-DF1, a 10,000-gallon, steel UST located near the northeast corner of former Building 143 (FTMP-09)	Diesel; previously stored Gasoline	1959 - 1991	<p>Tank removed. Approximately 10 to 30 gallons of liquid from tank (predominantly water) spilled into excavation during removal. Slight petroleum sheen observed on water in tank pit. TPH detected at low levels in closure soil samples. Because GAEPD had already directed a CAP for the site, Army directed contractor to perform closure sampling with no overexcavation because residual contamination would be addressed in the CAP (Ground Water Services, 1991).</p>

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
143-MG1, a 10,000-gallon, steel UST located near southwest corner of former Building 143 (FTMP-09)	Gasoline	1961 – 1996	<p>Tank removal coincided with demolition of Buildings 143 and 187 in 1996. Petroleum contamination visible in tank pit, piping trench and fuel dispenser areas. Approximately 363 tons of petroleum-impacted soil overexcavated from piping trench and dispenser area. Confirmatory soil samples were below regulatory criteria for BTEX, PAH and TPH-DRO/GRO. Excavated soil disposed to Waste Management landfill in Conley, GA. Prior to backfilling, contractor installed soil venting system in the tank pit and dispenser excavations for future use. Closure report requested NFA for soil (M.S. Environmental Consultants, 1996). Per closure report, CAP submitted to GAEPD in April 1994 for petroleum contamination in groundwater. Army received GAEPD comments in April 1996 recommending fate and transport modeling.</p> <p>In April 1997, GAEPD noted that incorrect regulatory criteria used in 1996 closure report and requested vertical delineation of TPH above groundwater. Army installed three additional monitoring wells in May 1997. Source well contained 3 inches of LPH. CAP Part A was amended to include dual-phase recovery system. Remediation/corrective action ongoing since May 1997. May 2007 progress report indicated LPH in four wells. Two Aggressive Fluid/Vapor Recovery events in August, September 2007 with 1,146 gallons of impacted groundwater recovered in August 2007. Army submitted Site Summary Report to GAEPD on November 18, 2008 (AEROSTAR, 2008b). GAEPD approved CAP-Part A on December 17, 2008.</p> <p>Two monitoring wells installed in 2008 and six wells sampled with benzene exceeding regulatory criterion in all groundwater samples. LPH measured in two wells. In 2009, three monitoring wells, two recovery wells and one air sparge well installed. Dissolved benzene exceeded regulatory criterion in 11 groundwater samples and LPH measured in four wells. Army submitted a CAP Part B to GAEPD in March 2010 recommending MPE for full-scale remediation. GAEPD approved in March 2010 with agreement that MPE will be operated three additional months following achievement of the 3,000 µg/L RAO for benzene. MPE will be reactivated if benzene concentrations exceeded 4,500 µg/L. In April 2010, MPE system installed. MPE was activated on June 6, 2011. Mass removal of 14,850 pounds of TRPH achieved on August 1, 2012. MPE system currently shutdown as the RAO has been met. Monitoring only is ongoing (AEROSTAR, 2013b).</p>

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
143-MG2, a 10,000-gallon, steel UST located near southwest corner of former Building 143 (FTMP-09)	Gasoline	1961 – 1996	Tank removed. See Tank 143-MG1.
143-MG3, a 10,000-gallon, steel UST located near southwest corner of former Building 143 (FTMP-09)	Gasoline	1961 – 1996	Tank removed. See Tank 143-MG1.
143-WO1, a 500-gallon ¹³ , steel UST located on east side of former Building 143 (FTMP-09)	Waste Oil	1961 – 1992 ¹⁴	Tank removed and replaced with an AST. No closure information collected. See Tank 143-MG1.
160-FO1, a 300-gallon ¹⁵ , steel overflow UST located on the east side of Building 160 in northmost UST system	Fuel Oil	1979 – 1991	Tank removed. Army conducted an additional assessment in 2011, including GPR survey and soil and groundwater sampling. No evidence of a UST system was found. BTEX and PAH were analyzed below MDLs in all samples. Closure report recommending NFA submitted on November 7, 2011 (AEROSTAR, 2011c). GAEPD approved No Additional Assessment Required on February 23, 2012.

¹³ Installation blueprints listed as a 100-gallon UST removed in 1992 (RMS Corporation, 1988, 1992).

¹⁴ The ECP Report (Shaw Environmental, 2007) reported the tank was removed in 1990; however, the CAP dated August 1992 stated the tank was removed in 1992 (USACE, 1992).

¹⁵ Installation blueprints listed tank as a 290-gallon UST removed in 1992 (RMS Corporation, 1988, 1992).

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
160-FO2 ¹⁶ , a 12,000-gallon ¹⁷ , steel UST located on the east side of Building 160 in southmost UST system	Fuel Oil	1979 – 1992	<p>Tank removed. Tank tested tight in 1989 (Dan Fitzgerald and Associates, 1989). Product lines and returns not removed due to buried utilities. Petroleum sheen observed in tank pit. TPH exceeded regulatory criterion in closure soil sample. Closure report recommended additional investigation (Ground Water Services, 1992b). Army reported a confirmed release to GAEPD on February 27, 1992. Army submitted ISC report in 1992 recommending quarterly monitoring well sampling (Department of Army, Savannah District, Corps of Engineers, 1992b).</p> <p>Army conducted an additional assessment in 2011, including GPR survey and soil and groundwater sampling. No evidence of an UST system was found. BTEX and PAH were analyzed below MDLs in all samples. Closure report recommending NFA submitted on November 7, 2011 (AEROSTAR, 2011c). GAEPD approved No Additional Assessment Required on February 23, 2012.</p>
160-FO3, a 10,000-gallon, tar-coated steel UST located on the east side of Building 160 in southmost UST system	Diesel	1979 – 1992	<p>Tank removed. Tank tested tight in 1989 (Dan Fitzgerald and Associates, 1989). Product lines and returns not removed due to buried utilities. Tanks 160-FO3 and 160-FO4 located in southmost tank pit. Soil contamination observed near fill ports. TPH exceeded regulatory criterion in closure soil samples. Closure report recommended additional investigation (Ground Water Services, 1992b). Army reported a confirmed release to GAEPD on February 27, 1992. Army submitted ISC report in 1992. Report recommended quarterly monitoring well sampling (Department of Army, Savannah District, Corps of Engineers, 1992b).</p> <p>Army conducted an additional assessment in 2011, including GPR survey and soil and groundwater sampling. No evidence of a UST system was found. BTEX and PAH were analyzed below MDLs in all samples. Closure report recommending NFA submitted on November 7, 2011 recommended NFA (AEROSTAR, 2011c). GAEPD approved No Additional Assessment Required on February 23, 2012.</p>
160-FO4, a 10,000-gallon, tar-coated steel UST located on the east side of Building 160 in southmost UST system	Diesel	1979 – 1992	See Tank 160-FO3.

¹⁶ Installation blueprints listed the Building 160 USTs as 160-DF1 through 160-DF5 removed in 1992 (RMS Corporation, 1988, 1992).

¹⁷ Installation blueprints (RMS Corporation, 1988, 1992) and Law Environmental (1990) listed as a 9,000-gallon UST.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
160-FO5, a 25,000-gallon, steel UST located on the east side of Building 160 in northmost UST system	Fuel Oil	1979 – 1991	<p>Tank removed. Tank tested tight in 1987. TPH in tank pit closure soil samples were below regulatory criteria. TPH in one soil sample collected beneath fuel piping exceeded regulatory criterion. Contaminated soil beneath the piping was not excavated due to the proximity of buried utility lines (Ground Water Services, 1992b). Replaced with 15,000-gallon, fiberglass UST (RMS Corporation, 1992).</p> <p>Army conducted an additional assessment in 2011, including GPR survey and soil and groundwater sampling. No evidence of a UST system was found. BTEX and PAH were analyzed below MDLs in all samples. Closure report recommending NFA submitted on November 7, 2011 (AEROSTAR, 2011c). GAEPD approved No Additional Assessment Required on February 23, 2012.</p>
160-FO6, a 25,000-gallon, steel UST located on the east side of Building 160 in northmost UST system	Fuel Oil	1979 – 1991	See Tank 160-FO-5.
160-FO7, a 15,000-gallon, double-walled fiberglass reinforced plastic UST located at Building 160	Fuel Oil	1991 - 2011	Tank filled with foam and closed in place. Army conducted an additional assessment in 2011, including soil and groundwater sampling. Petroleum hydrocarbons detected in closure soil samples below regulatory criteria. Unregulated closure report submitted on November 7, 2011 requesting No Additional Assessment Required (AEROSTAR, 2011d). GAEPD approved No Additional Assessment Required on February 23, 2012.
160-FO8, a 15,000-gallon, double-walled fiberglass reinforced plastic UST located at Building 160	Fuel Oil	1991 - 2011	See Tank 160-FO7.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
164-MG1, a former 300-gallon steel UST, located on the north side of former Building 164, near northeast corner	Gasoline	1951 – 1991	<p>A 1990 report listed tank as inactive (Law Environmental, 1990). Tank removed in 1991. Fuel spilled (about 4 gallons) when tank removed. Closure soil samples exceeded regulatory criterion for total BTEX. Extent of tank pit overexcavation limited by buried steam line. Total of 78 cu yds of contaminated soil manifested to Fort Gillem Farm Site. Confirmatory soil samples lost by laboratory. BTEX detected below MDLs in a subsequent soil sample collected by hand auger. Army reported a confirmed release to GAEPD on November 6, 1991. GAEPD directed an ISC on March 12, 1992. No further documentation was located.</p> <p>Army conducted an additional assessment in 2010, including GPR survey and soil and groundwater sampling. BTEX and PAH were analyzed below MDLs in all samples. Closure report requesting NFA submitted on February 15, 2012 (AEROSTAR, 2012d). GAEPD approved on March 20, 2012.</p>
183-FO1, a former 7,000-gallon ¹⁸ steel UST located on the south side of Building 183	No. 2 Diesel Fuel	1970 – 1992 ¹⁹	<p>Tank removed. Closure report was not located. Army conducted an additional assessment in 2010, including GPR survey and soil and groundwater sampling. BTEX and PAH were analyzed below MDLs in all samples. Closure report recommending No Additional Assessment Required submitted to GAEPD on February 15, 2012 (AEROSTAR, 2012e). GAEPD approved on March 22, 2012.</p>
187-OWS, a 1,000-gallon OWS located at Building 187	Oil	Unknown – 1997	<p>OWS removed. No known or documented releases have occurred.</p>

¹⁸ Water Usage Report (USACE, 1992) and installation blueprints (RMS Corporation, 1988; 1992 revised) identify 183-FO1 as a 5,000-gallon UST

¹⁹ Hand annotation to Table 2-1 in Law Environmental (1990) indicates that 183-FO1 was removed in 1991.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
200-DF1, a 10,000-gallon, double-walled fiberglass reinforced plastic UST, located on the west side of Building 200	Diesel	1986 ²⁰ - 2011 (Temporarily Out of Use)	<p>Tank tested tight in 1996 (Parsons Engineering Science, 1996c). Tank upgraded in place in 1998, including closure and replacement of existing product lines (approximately 100 feet, a portion abandoned in place) with new product lines. Total of 13.9 tons of petroleum-impacted soil excavated and disposed to GoodEarth Recycling in Atlanta, GA. GAEPD received Army's notification of a confirmed release on October 14, 1998. The 1998 Closure Report requested NFA although residual TPH exceeding regulatory criterion remained near tank pit (Federal Occupational Health and AEM, 1998b). In letters dated December 4, 1998 and May 17, 1999, GAEPD requested a groundwater sample and vertical delineation of TPH near tank pit. Petroleum constituents were BDL in resulting soil samples. Groundwater sample was not collected due to auger refusal and inability to install well. Closure report addendum requested NFA (Federal Occupational Health and AEM, 1998b). GAEPD approved NFA.</p> <p>Army conducted an additional assessment in 2010, including soil and groundwater sampling. Petroleum constituents were below MDLs in both samples. Closure report dated February 15, 2012 requested No Additional Assessment Required (AEROSTAR, 2012f). GAEPD approved on March 21, 2012.</p>
205-MG1, a 500-gallon, steel UST located on the east side of Building 205	Gasoline	1956 – 1990 ²¹	<p>Tank removed in 1990. BTEX and TPH below regulatory criteria in closure soil samples (Seymour Services, 1990). One boring advanced at former tank pit during the 2007 SI. Refusal occurred at 35 feet without intercepting water table. Petroleum hydrocarbons below MDLs in soil sample collected. Closure report recommended NFA (Shaw Environmental, 2009c). Army submitted a closure report requesting NFA on August 15, 2012 (AEROSTAR, 2012g). The report used the data collected in 2007. GAEPD approved on September 11, 2012.</p>

²⁰ Table 2-1 in Law Environmental (1990) indicates tank was installed in 1987.

²¹ ECP Report (Shaw Environmental, 2007a) listed removal date as 1992.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
207-DF1 ²² , a 500-gallon UST located on the east side of Building 207	Diesel	1966 – 1990	<p>Tank passed 1987 tightness test (Fitzgerald & Associates, 1989). Per installation blueprint, tank removed in 1990 (RMS Corporation, 1992). Tank not located during a 2007 geophysical survey (Shaw Environmental, 2007d). Per ECP Report, there was no release from the tank and no soil or groundwater contamination (Shaw Environmental, 2007a). No further documentation was located.</p> <p>Army conducted an additional assessment in 2010, including GPR survey and soil and groundwater sampling. No evidence of tank location interpreted from survey data. BTEX and PAH analyzed below MDLs in media samples. Closure report dated September 14, 2011 requested NFA (AEROSTAR, 2011e). GAEPD approved on November 8, 2011.</p>
214-DF1, a 500-gallon, steel UST ²³ located on the north side of former Building 214	Diesel	1974 – 1990	<p>Tank removed. No additional documentation was located.</p> <p>Army conducted an additional assessment in 2010, including GPR survey and soil and groundwater sampling. BTEX and PAH were analyzed below MDLs in all samples. Closure report submitted on November 7, 2011 requested NFA (AEROSTAR, 2011f). GAEPD approved on February 20, 2012.</p>
214-DF2, a 300-gallon, steel UST located on the east side of former Building 214	Diesel	1976 – 1990	Tank removed. See Tank 214-DF1.
326-DF1, a 300-gallon, steel UST located on the west side of Building 326	Diesel	1951 ²⁴ - 1990	<p>Tank removed per installation blueprint (RMS Corporation, 1992).</p> <p>Army conducted an additional assessment in 2010, including GPR survey and soil and groundwater sampling. BTEX and PAH were analyzed below MDLs in all samples. Closure report submitted November 7, 2011 requested NFA (AEROSTAR, 2011g). GAEPD approved on February 20, 2012.</p>

²² Installation blueprints listed tank as 207-MG1, a 500-gallon UST which stored MOGAS for generator use (RMS Corporation, 1988; 1992).

²³ USATHAMA (1983) and Shaw Environmental (2007a) listed tanks 214-DF1 and 214-DF2 as USTs. Installation blueprint listed tanks as ASTs for generator use (RMS Corporation, 1992).

²⁴ Age of tank estimated based on undated Notification for Underground Storage Tanks form included in a 1991 memorandum from Debbie Richert, AFZK-EH to Brent Rose, USACE.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
345-OWS, a 4,500-gallon OWS located at Building 345	Oil	Unknown – 1997	OWS removed. No known or documented releases have occurred.
346-MG1 ²⁵ , a 10,000-gallon, steel UST located on the south side of Building 346	Gasoline	1956 ²⁶ – Fiscal Year (FY) 92	<p>Annotation on installation blueprints states tank removed and replaced in FY92 (RMS Corporation, 1988, 1992). Tank tested tight in 1989 (Dan Fitzgerald & Associates, 1989). Per SI Report (Shaw Environmental, 2009c), Legacy Environmental Services (1992) removed one diesel UST and two gasoline USTs. Tank pit holding the former gasoline USTs was overexcavated due to petroleum hydrocarbon odors. BTEX and TPH detected in confirmatory soil samples were below regulatory criteria. Tank appears to have been replaced with Tank 350-MG3.</p> <p>Army conducted a closure assessment in 2010 and 2011, including soil and groundwater sampling. BTEX and PAH analyzed below MDLs in all samples. Closure report submitted to GAEPD on July 6, 2012 requesting NFA (AEROSTAR, 2012j). GAEPD approved on August 7, 2012.</p>
346 -MG2, a 12,000-gallon, steel UST located on the south side of Building 346	Gasoline	1956 – FY92	See Tank 346-MG1.
346-DF1, a 12,000-gallon, steel UST located on the north side of Building 346	Diesel	1956 – FY92	<p>Annotation on installation blueprints states tank removed and replaced in FY92 (RMS Corporation, 1988, 1992). Tank tested tight in 1989 (Dan Fitzgerald & Associates, 1989). Per SI Report (Shaw Environmental, 2009c), Legacy Environmental Services (1992) removed one diesel UST and two gasoline USTs. BTEX and TPH detected in closure soil samples were below regulatory criteria. Tank appears to have been replaced with Tank 350-DF2 (Atlanta Environmental Management, 1999).</p> <p>Army conducted a closure assessment in 2010 and 2011, including soil and groundwater sampling. BTEX and PAH analyzed below MDLs in all samples. Closure report submitted to GAEPD on July 6, 2012 requesting NFA (AEROSTAR, 2012j). GAEPD approved on August 7, 2012.</p>

²⁵ Archived installation blueprints (RMS Corporation, 1988, 1992) designate the location of USTs 346-MG1, 346-MG2 and 346-DF1 at Building 346. The current Installation mapping designates the station building as Building 350. The building appears to have been renumbered.

²⁶ Tanks 350-MG1, 350-MG2 are reported as installed in 1960. Tank 350-MG2 is reported as a 10,000-gallon UST (FOH and AEM, 1998c).

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
346-WO1, a 2,000-gallon UST at Building 346 (See footnote 22.) (FTMP-03)	Waste Oil	Unknown - 1991	<p>Per the 2005 IAP, tank removed in 1991 and tank pit overexcavated (USACE, 2005). Closure report submitted in January 1992. Closure report was not available for review during ECP report generation (Shaw Environmental, 2007a). Site closed out of the IRP in 1993. Additional assessment conducted during the SI. Two temporary wells installed in the assumed downgradient direction. BTEX and PAH in groundwater samples were below MDLs. The SI Report recommended NFA (Shaw Environmental, 2009c).</p> <p>Army conducted a closure assessment in 2010 and 2011, including soil and groundwater sampling. BTEX and PAH analyzed below MDLs in all samples. Closure report submitted to GAEPD on July 6, 2012 requesting NFA (AEROSTAR, 2012j). GAEPD approved on August 7, 2012.</p>
350-DF2, a 10,000-gallon, double-walled fiberglass reinforced plastic UST located on the north side of Building 350	Diesel	1992 – 2011	<p>Tank upgraded in 1998 (Atlanta Environmental Management, 2007). Product lines (partly abandoned in place) and two fuel dispensers were permanently closed during tank upgrade. New product lines and fuel dispensers installed. Petroleum contamination in soil beneath the diesel dispenser excavated and disposed to Good Earth Recycling, Atlanta, Georgia. Closure report recommended NFA (Federal Occupational Health and Atlanta Environmental Management, 1998c). Tank removed in 2011. Appears to have replaced Tank 346-DF1.</p> <p>Army conducted a closure assessment in 2010 and 2011, including soil and groundwater sampling. BTEX and PAH analyzed below MDLs in all samples. Closure report submitted to GAEPD on July 6, 2012 requesting NFA (AEROSTAR, 2012i). GAEPD approved on August 7, 2012.</p>
350-MG3, a 10,000-gallon, double-walled fiberglass reinforced plastic UST located on the north side of Building 350	Gasoline	1992 – 2011	<p>Tank removed in 2011. Appears to have replaced Tank 346-MG1. See Tank 350-DF2.</p>

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
346/350-OWS, a 2000-gallon OWS at Building 346 (FTMP-04)	Oil	Unknown – 2011 (last used)	PA conducted in 1988. RC achieved in 1988. NFA required under the IRP (USACE, 2001). OWS is a single-wall underground flow-through separator that serviced the dispenser island at the DOL Motor Pool and the automatic car wash. The OWS was periodically inspected and cleaned under the oil/water cleaning and maintenance contract. There are no known environmental concerns associated with this site. No evidence of contamination was observed during visual inspections.
357-OWS, a former OWS located at Building 353 (FTMP-07)	Oil	Unknown	OWS removed. IAP documented that the OWS received petroleum products from the floor drains at the wash rack. The tank was periodically inspected and cleaned under the Oil/Water Cleaning and Maintenance Contract. No further action required under the IRP (USACE, 2001). During visual site inspection, a grassy area was observed to occupy the location of the former OWS. Army personnel confirmed that the OWS was removed. There were no known environmental concerns associated with this site. No evidence of contamination was observed during the visual site inspection.
368-DF1, a 12,000-gallon, double-walled fiberglass reinforced plastic UST located east of Building 368	Diesel	1995 – 2011	Tank removed. Army conducted an assessment in 2010 and 2011, including soil and groundwater sampling. BTEX reported below regulatory criteria in one soil sample. Benzene reported above regulatory criterion in groundwater samples. Closure report submitted to GAEPD on July 6, 2012 noted that CAP Part A required (AEROSTAR, 2012k). CAP Part A report recommending a CAP Part B report was submitted to GAEPD on March 2, 2012 (AEROSTAR, 2012l) and approved by GAEPD on March 28, 2012. CAP-Part B form requesting monitoring only for two years (semi-annual groundwater sampling) followed by NFA submitted to GAEPD on March 2, 2012 within CAP A report (AEROSTAR, 2012l). By letter dated July 31, 2012, GAEPD directed submittal of the first quarter monitoring report by September 17, 2012.
368-MG1, a 12,000-gallon, double-walled fiberglass reinforced plastic UST located east of Building 368	Gasoline	1995 – 2011	See Tank 368-DF1.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
368-MG2, a 12,000-gallon, double-walled fiberglass reinforced plastic UST located east of Building 368	Gasoline	1995 - 2011	See Tank 368-DF1.
370-WO1, a 500-gallon, steel UST located on the east side of Building 370, adjacent to the northeast corner (FTMP-08)	Used Oil	1983 – 1993	<p>Tank removed. Replacement AST (370-WO2) installed in 1994. Tank pit overexcavated. Petroleum hydrocarbons detected in closure soil samples below regulatory criterion (Anderson Columbia, 1993).</p> <p>Army conducted an additional assessment in 2010, including soil and groundwater sampling. BTEX, PAH, VOCs and SVOCs were analyzed below MDLs in all samples. Closure report submitted on September 14, 2011 (AEROSTAR, 2011i). GAEPD approved NFA on November 9, 2011.</p>
370-OWS, a 300-gallon OWS located at Building 370 (FTMP-05)	Oil	Unknown	<p>PA conducted in 1988. RC achieved in 1988. NFA required under the IRP (USACE, 2001).</p> <p>OWS received petroleum products from the floor drains inside the Auto Craft Shop and wash water from the steam cleaning wash rack. Construction activities in the area resulted in a broken junction box where effluent piping conducts wash water from the Auto Craft Shop to the OWS. Activities in the vicinity of the OWS led stormwater runoff to enter the OWS and broken junction box resulting in the system backup. OWS was periodically inspected and cleaned under the Oil/Water Maintenance and Cleaning Contract. A new OWS was installed in 1999. No evidence of contamination was observed during the ECP inspection in 2007 (USACE, 2005).</p>
454-MG1, a 500-gallon, steel UST located on the west side of former Building 454, near the southwest corner	Gasoline	1966 - 1993	<p>Tank removed. Tank tested tight in 1989 (Dan Fitzgerald and Associates, 1989). At removal in 1993, tank had several marble-sized holes and free product in tank pit. Army notified GAEPD of confirmed release on June 9, 1993. Closure soil samples not collected. Groundwater sample exceeded regulatory criteria. Free product in UST excavation removed during tank closure by overexcavating 36 cubic yards of petroleum-contaminated soil (Anderson Columbia, 1993). Five monitoring wells installed during ISC in 1995. Benzene and lead identified above regulatory criteria in tank pit monitoring well. Elevated petroleum compounds detected in one soil sample (Law Environmental, 1995). Two additional monitoring wells installed during CAP Part A in 1996. Groundwater samples below regulatory criterion and NFA recommended (Parsons Engineering Science, 1996a). GAEPD approved NFA on December 6, 1996.</p>

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
650-Tank ID unknown, a 500-gallon UST located at former Building 650	Gasoline	Unknown – Approximately 1999	Tank removed. A 1999 closure report requested NFA. GAEPD approved NFA on July 30, 1999. A 2007 geophysical survey found no evidence of the tank or tank excavation (Shaw Environmental, 2007d). BTEX and methyl tert-butyl ether were not detected in three groundwater samples collected from temporary wells during the SI. Closure report recommended NFA (Shaw Environmental, 2009c).
651-MG1, a 1,000-gallon, fiberglass double-walled UST located on the north side of former Building 651	Gasoline	1989 ²⁷ – 1998	Tank removed. No petroleum hydrocarbons were detected in the closure soil sample above MDLs. The 1998 closure report requested NFA. GAEPD issued comments on April 30, 1999 requesting soil sampling along the product line for every 25 feet of distance from the UST to the dispenser. Since the dispenser was collocated with the UST and removed during UST excavation, no additional sample was collected. Army submitted the amended closure report in 1999 requesting NFA. GAEPD approved NFA on July 30, 1999.
ABOVEGROUND STORAGE TANKS			
49L1, a 30,000-gallon horizontal AST located in the propane mixing compound, Building 49	Propane	1976 – Present	Tank onsite. There are no known releases or spills from the liquid propane AST. Because the physical characteristics of propane would cause it to vaporize if there was a release, there is no potential for soil or groundwater to be contaminated. Tank partially filled with propane.
49L2, a 30,000-gallon horizontal AST located in the propane mixing compound, Building 49	Propane	1976 – Present	See Tank 49L1.
65-Tank ID Unknown, as AST located on the east side of Building 65	Diesel	Unknown – Present	Tank onsite. Supplies fuel to an emergency generator. Closure soil sampling was conducted on July 31, 2013. Toluene (1.7 µg/kg) and TPH/GRO (1.4 mg/kg) were reported in one of two soil samples. These values are below regulatory criteria. Army submitted a closure report on August 29, 2013 (Aerostar SES, 2013a). GAEPD approved No Additional Assessment Required on September 5, 2013.

²⁷ The installation date of 651-MG1 is listed as 1985 in Law Environmental (1990).

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
110-Tank ID Unknown, an AST located on the north side of Building 110	Diesel	Prior to 1995 – 2011 (last used)	Tank in place and supplied fuel to emergency generator. Closure soil sampling was conducted on August 1, 2013. BTEX, PAH and TPH-GRO/DRO were below reporting limits in the samples. Army submitted a closure report on August 29, 2013 (Aerostar SES, 2013b). GAEPD approved No Additional Assessment Required on September 5, 2013.
160-Tank ID Unknown ²⁸ , a 150-gallon AST located on east side of Building 160	Diesel	Unknown – 2011 (last used)	Tank was pumped out before Post closure. Army assessed in 2011, including soil and groundwater sampling. Petroleum hydrocarbons not detected above MDLs in soil and groundwater samples. Army submitted unregulated closure report on November 7, 2011 (AEROSTAR, 2011d). GAEPD approved No Additional Assessment Required on February 23, 2012.
315-AST-DF1, a 6,000-gallon, double-walled steel AST located at Building 315	Diesel	Unknown – 2011 (last used)	No petroleum hydrocarbons detected in closure soil or groundwater samples in 2010. Army submitted a closure report on February 22, 2012 (AEROSTAR, 2012h). GAEPD approved No Additional Assessment Required on March 26, 2012.
326-Tank ID Unknown, a 150-gallon AST located at Building 326	Diesel	Unknown – 2011 (last used)	No petroleum hydrocarbons detected in closure soil and groundwater samples in 2010. Army submitted closure report on March 8, 2011 (AEROSTAR, 2012). GAEPD approved No Additional Assessment Required on March 26, 2012.
331-Tank ID Unknown, a 150-gallon AST located at Building 331	Diesel	Prior to 1995 – 2011 (last used)	Tank in place and supplied fuel to emergency generator. Closure sampling was conducted on July 30, 2013 for soil and August 2, 2013 for groundwater. Phenanthrene, fluoranthene and pyrene were reported in one soil sample at 920, 940 and 1,200 µg/kg, respectively. These values are below Table A threshold levels. The remaining soil and groundwater samples were below reporting limits for petroleum constituents. Army submitted a closure report on August 29, 2013 (Aerostar SES, 2013c). GAEPD approved No Additional Assessment Required on September 5, 2013.
331-Tank ID Unknown, a 150-gallon AST located at Building 331	Diesel	Prior to 1995 – 2011 (last used)	See above Building 331 AST.

²⁸ Tank is referenced as a 250-gallon AST in AEROSTAR (2012d).

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
340-Tank ID Unknown, a 500-gallon AST in covered secondary containment located northwest of Building 340	Gasoline	Unknown – 2011 (last used)	Tank onsite. Closure sampling was conducted on July 30, 2013 for soil and on August 2, 2013 for groundwater. BTEX and PAH were below reporting limits in the samples. Army submitted a closure report on August 29, 2013 (Aerostar SES, 2013d). GAEPD approved No Additional Assessment Required on September 5, 2013. Note: Closure report identified AST as located at Buildings 340/341.
340-Tank ID unknown, a 500-gallon AST in covered, secondary containment located northwest of Building 340	Diesel	Unknown – 2011 (last used)	See above Building 340 AST.
346-Tank ID Unknown, a 250-gallon, three-compartmented AST in covered secondary containment located along the north side of Building 346	Petroleum, Oils, Lubricants	Unknown – 2011 (last used)	Tank onsite. No petroleum hydrocarbons detected in closure soil and groundwater samples in 2010. Army submitted closure report on February 22, 2012 (AEROSTAR, 2012j). GAEPD approved No Additional Assessment Required on March 23, 2012.
365-Tank ID Unknown, a 100-gallon AST located at Building 365	Diesel	Prior to 1995 – Present	Tank in place and supplied fuel to emergency generator. Closure sampling was conducted on July 30-31, 2013 and August 2, 2013. BTEX and PAH were below reporting limits in the soil and groundwater samples. Army submitted a closure report on August 29, 2013 (Aerostar SES, 2013d). GAEPD approved No Additional Assessment Required on September 5, 2013.
370-WO2, a 500-gallon, steel AST located on the east side of Building 370 at northeast corner	Used Oil	1994 – 2011 (last used)	Tank onsite. Army conducted a closure assessment in 2010, including soil and groundwater sampling. Petroleum hydrocarbons were BDL in all samples. Army submitted closure report on September 14, 2011 (AEROSTAR, 2011j). GAEPD approved No Additional Assessment Required on November 9, 2011.

TABLE 3 – NOTIFICATION OF PETROLEUM PRODUCT STORAGE, RELEASE, OR DISPOSAL (CONTINUED)

Building Number	Name of Petroleum Product(s)	Date of Storage, Release, or Disposal	Remedial Actions
454-MG2, a 500-gallon, steel AST located on the south side of former Building 454, adjacent to the southwest corner	Gasoline	Unknown – 1993	Tank removed per Installation blueprint (RMS Corporation, 1992). Army conducted a closure assessment in 2010, including soil and groundwater sampling. Petroleum hydrocarbons were below MDLs in all samples. Army submitted closure report on February 22, 2012 (AEROSTAR, 2012m). GAEPD approved No Additional Assessment Required on March 23, 2012.
454-DF2, a 500-gallon, steel AST located at former Building 454	Diesel	Unknown – 1993	Army conducted a closure assessment in 2010, including soil and groundwater sampling. Petroleum hydrocarbons were below MDLs in all samples. Army submitted closure report on February 22, 2012 (AEROSTAR, 2012m). GAEPD approved No Additional Assessment Required on March 23, 2012.

ENCLOSURE 7

TABLE 4 – ASBESTOS-CONTAINING MATERIAL²⁹

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
1E / 1E-01	1889	2,925	Basement – gray corrugated (3 in x 15 ft)	35% Chrysotile	Friable	--	1986	--
1E / 1E-02	1889	2,925	Crawl space – gray corrugated (3 in x 150 ft)	60% Chrysotile	Friable	--	1986	--
1W / 1W-04	1889	2,925	Crawl space – white fluffy (3 in x 150 ft)	40% Chrysotile	Friable	--	1986	--
1W / No sample number	1889	2,925	Basement – white fluffy (3 in x 150 ft)	40% Chrysotile	Friable	--	1986	--
1W / 1W-05	1889	2,925	Basement – gray corrugated (1½ inch x 10 ft)	15% Chrysotile	Friable	--	1986	--
1W/No sample number	1889	2,925	Crawl space – gray corrugated (1½ inch x 15 ft)	15% Chrysotile	Friable	--	1986	--
2E / 2E-04	1889	5,851	Basement – white fluffy (3 in x 8 ft)	15% Chrysotile	Friable	--	1986	--
2E / 2E-05	1889	5,851	Crawl space – gray corrugated (3 in x 150 ft)	90% Chrysotile 5% Amosite	Friable	--	1986	--
2E / 2E-06	1889	5,851	Basement – gray corrugated (1½ inch x 10 ft)	90% Chrysotile 5% Amosite	Friable	--	1986	--
2W / 2W-04	1889	5,851	Basement – (3 in x 20 ft)	50% Chrysotile	NS	--	1986	--
2W / 2W-05	1889	5,851	Crawl space – white fluffy (3 in x 80 ft)	15% Chrysotile 25% Amosite	Friable	--	1986	--
2W / 2W-06	1889	5,851	Crawl space – gray corrugated (1½ in x 80 ft)	15% Chrysotile 30% Amosite 1% Crocidolite	Friable	--	1986	--
3E / 3E-01	1889	5,851	Basement – (3 in x 8 ft)	30% Chrysotile	NS	--	1986	--
3E / 3E-02	1889	5,851	Crawl space – white fluffy (3 in x 100 ft)	35% Chrysotile 5% Crocidolite	Friable	--	1986	--
3W / 3W-02	1889	5,851	Basement – white fluffy (3 in x 10 ft)	40% Chrysotile	Friable	--	1986	--
3W / 3W-03	1889	5,851	Crawl space – white fluffy (3 in x 100 ft)	50% Chrysotile	Friable	--	1986	--
4E / 4E-04	1889	5,851	Basement – white fluffy (3 in x 12 ft)	30% Chrysotile	Friable	--	1986	--
4E / 4E-05	1889	5,851	Crawl space – white fluffy (3 in x 180 ft)	35% Chrysotile 3% Crocidolite	Friable	--	1986	--
4W / 4W-04	1889	5,851	Basement – white fluffy (3 in x 25 ft)	25% Chrysotile	Friable	--	1986	--
4W / 4W-05	1889	5,851	Crawl space – white fluffy (3 in x 150 ft)	35% Chrysotile 10% Amosite	Friable	--	1986	--
4W / 4W-06	1889	5,851	Basement – gray corrugated (1½ in x 8 ft)	40% Chrysotile 5% Crocidolite	NS	--	1986	--

²⁹ Building information taken from the Fort McPherson Asset Report dated January 12, 2012.

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
5 / 5-01	1891	6,448	Basement – white fluffy (3 in x 200 ft)	30% Chrysotile	Friable	--	1986	--
5 / No sample number	1891	6,448	Crawl space – (2 in x 150 ft)	30% Chrysotile	NS	--	1986	--
5 / 5-02	1891	6,448	Boiler room – white fluffy (3 in x 10 ft)	50% Chrysotile	Friable	--	1986	--
6E / 6E-01	1889	8,898	Crawl space – white fluffy (3 in x 18 ft)	30% Chrysotile	Friable	--	1986	--
6E / 6E-02	1889	8,898	Basement – (3 in x 30 ft)	25% Chrysotile	NS	--	1986	--
6E / 6E-03	1889	8,898	Boiler room – (2 in x 50 ft)	20% Chrysotile 5% Crocidolite	NS	--	1986	--
6E / 6E-04	1889	8,898	Basement – (2 in x 10 ft)	38% Chrysotile 2% Crocidolite	NS	--	1986	--
6W / 6W-01	1889	8,898	Crawl space – white fluffy (2 in x 30 ft)	75% Chrysotile	Friable	--	1986	--
6W / 6W-02	1889	8,898	Crawl space – suspect cover (8 ft abandoned vent)	70% Chrysotile	NS	--	1986	--
6W / 6W-03	1889	8,898	Basement – white fluffy (3 in x 20 ft)	55% Chrysotile	Friable	--	1986	--
6W / 6W-04	1889	8,898	Basement – gray corrugated (2 in x 30 ft)	70% Chrysotile	Friable	--	1986	--
6W / 6W-05	1889	8,898	Boiler room – (2 in x 30 ft)	50% Chrysotile 2% Crocidolite	Friable	--	1986	--
6W / No sample number	1889	8,898	Crawl space – (2 in x 20 ft)	50% Chrysotile 2% Crocidolite	Friable	--	1986	--
7E / 7E-01	1889	8,898	Basement – gray corrugated (2 in x 60 ft)	20% Chrysotile	Friable	--	1986	--
7E / 7E-02	1889	8,898	Basement – gray corrugated (2 in x 40 ft)	15% Chrysotile	Friable	--	1986	--
7E / 7E-03	1889	8,898	Crawl space – gray corrugated (2 in x 40 ft)	25% Chrysotile	Friable	--	1986	--
7E / No sample number	1889	8,898	Basement – (3 in x 12 ft)	25% Chrysotile	NS	--	1986	--
7E / 7E-04	1889	8,898	Boiler room – (2 in x 12 ft)	20% Chrysotile 10% Amosite	NS	--	1986	--
7W / 7W-04	1889	8,898	Basement – gray corrugated (1½ in x 20 ft)	65% Chrysotile	Friable	--	1986	--
7W / 7W-05	1889	8,898	Boiler room – gray corrugated (1½ in x 30 ft)	75% Chrysotile	Friable	--	1986	--
7W / 7W-06	1889	8,898	Crawl space – gray corrugated (3 in x 80 ft)	45% Chrysotile	Friable	--	1986	--
7W / 7W-07	1889	8,898	Boiler room – white fluffy (3 in x 80 ft)	30% Chrysotile	Friable	--	1986	--
8E / 8E-10 ³⁰	1889	8,898	Basement – pipe insulation, gray corrugated (2 in x 60 ft)	15% Chrysotile 3% Crocidolite	Friable	--	1986	--
8E / 8E-11	1889	8,898	Crawl space – pipe insulation, white fluffy (3 in x 40 ft)	35% Chrysotile	Friable	--	1986	--
8E / 8E-12	1889	8,898	Basement – pipe insulation, gray corrugated (2 in x 30 ft)	25% Chrysotile 2% Crocidolite	Friable	--	1986	--
8W / 8W-04	1889	8,898	Crawl space – white fluffy (3 in x 60 ft)	45% Chrysotile	Friable	--	1986	--
8W / 8W-05	1889	8,898	Basement – gray corrugated (2 in x 50 ft)	36% Chrysotile	Friable	--	1986	--

³⁰ Insulation in bulk samples 8E-10, 8E-11 and 8E-12 was damaged, exposed and hazardous to personnel.

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
				3% Amosite 1% Crocidolite				
8W / 8W-06	1889	8,898	Boiler room – white fluffy (3 in x 10 ft)	25% Chrysotile	Friable	--	1986	--
9E / 9E-01	1891	8,898	Crawl space – gray corrugated (2 in x 20 ft)	30% Chrysotile 5% Crocidolite	Friable	--	1986	--
9E / 9E-02	1891	8,898	Basement – (2 in x 80 ft)	35% Chrysotile	NS	--	1986	--
9E / 9E-03	1891	8,898	Boiler room – white fluffy (3 in x 30 ft)	25% Chrysotile	Friable	--	1986	--
9E / 9E-04	1891	8,898	Basement – (2 in x 15 ft)	15% Chrysotile 5% Crocidolite	NS	--	1986	--
9W / 9W-01	1891	8,898	Basement – white fluffy (3 in x 10 ft)	25% Chrysotile	Friable	--	1986	--
9W / 9W-02	1891	8,898	Boiler room – (2 in x 50 ft)	15% Chrysotile	NS	--	1986	--
9W / 9W-03	1891	8,898	Boiler room – white fluffy (3 in x 20 ft)	20% Chrysotile	Friable	--	1986	--
9W / 9W-04	1891	8,898	Basement – gray corrugated (2 in x 10 ft)	25% Chrysotile	Friable	--	1986	--
10 / 10-01	1891	10,284	Crawl space – gray corrugated (1½ in x 5 ft)	45% Chrysotile	Friable	--	1986	--
10 / 10-02	1891	10,284	Crawl space - gray corrugated (1½ in x 60 ft)	20% Chrysotile 50% Amosite	Friable	--	1986	--
10 / 10-03 ³¹	1891	10,284	Basement – gray corrugated (3 in x 200 ft)	15% Chrysotile 50% Amosite	Friable	--	1986	--
10 / 10-04	1891	10,284	Crawl space – white fluffy (3 in x 100 ft)	85% Chrysotile	Friable	--	1986	--
10 / 10-05	1891	10,284	Crawl space – gray corrugated (1½ in x 60 ft)	10% Chrysotile 65% Amosite	Friable	--	1986	--
10 / No sample number	1891	10,284	Basement – gray corrugated (1½ in x 230 ft)	10% Chrysotile 65% Amosite	Friable	--	1986	--
11E / 11E-01	1891	8,167	Crawl space – white fluffy (3 in x 80 ft)	57% Chrysotile 3% Amosite	Friable	--	1986	--
11E / 11E-02	1891	8,167	Crawl space – gray corrugated (2 in x 80 ft)	35% Chrysotile 30% Amosite	Friable	--	1986	--
11E /No sample number	1891	8,167	Boiler room – gray corrugated (2 in x 10 ft)	35% Chrysotile 30% Amosite	Friable	--	1986	--
11E / 11E-03	1891	8,167	Crawl space – gray corrugated (2 in x 40 ft)	35% Chrysotile	Friable	--	1986	--
11E / 11E-04	1891	8,167	Crawl space – (2 in x 30 ft)	45% Chrysotile 5% Crocidolite	NS	--	1986	--
11E / 11E-05	1891	8,167	Boiler room – white fluffy (3 in x 20 ft)	45% Chrysotile	Friable	--	1986	--
11W / 11W-04	1891	8,167	Boiler room – white fluffy (3 in x 8 ft)	35% Chrysotile	Friable	--	1986	--
11W / 11W-05	1891	8,167	Boiler room – gray corrugated (1½ in x 40 ft)	80% Chrysotile	Friable	--	1986	--
11W/No sample	1891	8,167	Crawl space - gray corrugated (1½ in x 40 ft)	80% Chrysotile	Friable	--	1986	--

³¹ Boiler vent is 8” x 6’ transite-type which was not sampled; probably ACM but sampling damage would likely degrade its function.

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
number								
11W / 11W-06	1891	8,167	Crawl space - gray corrugated (1½ in x 40 ft)	85% Chrysotile 5% Amosite	Friable	--	1986	--
12E / 12E-01	1891	8,167	Crawl space – gray corrugated (1½ in x 120 ft)	20% Chrysotile	Friable	--	1986	--
12E / 12E-02	1891	8,167	Crawl space – gray corrugated (1½ in x 6 ft)	15% Chrysotile	Friable	--	1986	--
12W / 12W-04	1891	8,167	Crawl space – (2 in x 80 ft)	15% Chrysotile 2% Crocidolite	NS	--	1986	--
12W / No sample number	1891	8,167	Boiler room – (2 in x 40 ft)	15% Chrysotile 2% Crocidolite	NS	--	1986	--
13E / 13E-01	1891	8,167	Boiler room – white fluffy (3 in x 15 ft)	30% Chrysotile	Friable	--	1986	--
13E / 13E-02	1891	8,167	Boiler room – (2 in x 40 ft)	55% Chrysotile	NS	--	1986	--
13E / 13E-03	1891	8,167	Crawl space – (2 in x 80 ft)	70% Chrysotile	NS	--	1986	--
13E / 13E-04	1891	8,167	Crawl space – (2 in x 6 ft)	35% Chrysotile	NS	--	1986	--
13W / 13W-01	1891	8,167	Crawl space – (2 in x 40 ft)	30% Chrysotile	NS	--	1986	--
13W / 13W-02	1891	8,167	Crawl space – (2 in x 40 ft)	20% Chrysotile	NS	--	1986	--
13W / 13W-03	1891	8,167	Boiler room – (6 joints)	10% Chrysotile	NS	--	1986	--
13W / 13W-04	1891	8,167	Boiler room – (3 in x 8 ft)	20% Chrysotile	NS	--	1986	--
14E / 14E-01	1891	4,084	Boiler room – (3 in x 6 ft)	50% Chrysotile	NS	--	1986	--
14E / 14E-02	1891	4,084	Boiler room – (2 in x 18 ft)	30% Chrysotile	NS	--	1986	--
14E / 14E-03	1891	4,084	Crawl space – (2 in x 100 ft)	40% Chrysotile	NS	--	1986	--
14W / 14W-01	1891	4,084	Crawl space – gray corrugated (1½ in x 80 ft)	20% Chrysotile 5% Amosite 5% Crocidolite	Friable	--	1986	--
14W / 14W-02	1891	4,084	Boiler room - gray corrugated (1½ in x 40 ft)	5% Chrysotile 20% Amosite 10% Crocidolite	Friable	--	1986	--
14W / 14W-03	1891	4,084	Boiler room – white fluffy (3 in x 8 ft)	15% Chrysotile	Friable	--	1986	--
15E / 15E-01	1904	11,615	Basement – white fluffy (3 in x 100 ft)	55% Chrysotile	Friable	--	1986	--
15E / 15E-02	1904	11,615	Basement – gray corrugated (1½ in x 10 ft)	60% Chrysotile	Friable	--	1986	--
15E / 15E-03	1904	11,615	Basement – gray corrugated (1½ in x 30 ft)	45% Chrysotile	Friable	--	1986	--
15E / 15E-05	1904	11,615	Basement – gray corrugated (1½ in x 20 ft)	45% Chrysotile 5% Crocidolite	Friable	--	1986	--
15W / 15W-01	1904	11,615	Basement – white fluffy (3 in x 80 ft)	25% Chrysotile	Friable	--	1986	--
15W / 15W-02	1904	11,615	Boiler room – gray corrugated (1½ in x 20 ft)	35% Chrysotile	Friable	--	1986	--
15W / 15W-03	1904	11,615	Basement – gray corrugated (1½ in x 40 ft)	50% Chrysotile	Friable	--	1986	--
17E / 17E-03	1892	9,786	Crawl space – white fluffy (3 in x 60 ft)	15% Chrysotile	Friable	--	1986	--
17E / No sample number	1892	9,786	Basement – white fluffy (3 in x 80 ft)	15% Chrysotile	Friable	--	1986	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
17E / 17E-04	1892	9,786	Crawl space – gray corrugated (1½ in x 40 ft)	25% Chrysotile	Friable	--	1986	--
17E / 17E-05	1892	9,786	Boiler room – white fluffy (3 in x 10 ft)	30% Chrysotile	Friable	--	1986	--
17E /No sample number	1892	9,786	Basement – gray corrugated (1½ in x 30 ft)	25% Chrysotile	Friable	--	1986	--
17W / 17W-01	1892	9,786	Basement – white fluffy (3 in x 60 ft)	20% Chrysotile	Friable	--	1986	--
17W / 17W-02	1892	9,786	Basement – white fluffy (3 in x 10 ft)	15% Chrysotile	Friable	--	1986	--
17W / 17W-03	1892	9,786	Crawl space – gray corrugated (1½ in x 40 ft)	20% Chrysotile	Friable	--	1986	--
17W / 17W-04	1892	9,786	Crawl space – white fluffy (3 in x 60 ft)	25% Chrysotile	Friable	--	1986	--
17W / 17W-05	1892	9,786	Boiler room – white fluffy (3 in x 10 ft)	20% Chrysotile 3% Crocidolite	Friable	--	1986	--
18 / 18-03	1910	4,963	Crawl space – gray corrugated (1½ in x 60 ft)	35% Chrysotile	Friable	--	1986	--
18 / 18-04	1910	4,963	Basement – gray corrugated (1½ in x 175 ft)	20% Chrysotile 5% Amosite 5% Crocidolite	Friable	--	1986	--
18 / 18-05	1910	4,963	Boiler room – white fluffy (3 in x 30 ft)	25% Chrysotile 5% Crocidolite	Friable	--	1986	--
18 / 18-06	1910	4,963	Basement – gray corrugated (1½ in x 100 ft)	35% Chrysotile	Friable	--	1986	--
19E / 19E-01	1892	10,167	Crawl space – white fluffy (2 in x 50 ft)	25% Chrysotile	Friable	--	1986	--
19E / 19E-02	1892	10,167	Crawl space – white fluffy (3 in x 40 ft)	30% Chrysotile	Friable	--	1986	--
19E / 19E-03	1892	10,167	Boiler room – white fluffy (3 in x 30 ft)	25% Chrysotile	Friable	--	1986	--
19E /No sample number	1892	10,167	Basement – white fluffy (3 in x 50 ft)	25% Chrysotile	Friable	--	1986	--
19E / 19E-04	1892	10,167	Basement – white fluffy (2 in x 60 ft)	40% Chrysotile	Friable	--	1986	--
19E / No sample number	1892	10,167	Boiler room – white fluffy (2 in x 20 ft)	40% Chrysotile	Friable	--	1986	--
19W / 19W-01	1892	10,167	Crawl space – white fluffy (2 in x 40 ft)	28% Chrysotile 2% Crocidolite	Friable	--	1986	--
19W / 19W-02	1892	10,167	Boiler room – white fluffy (3 in x 30 ft)	33% Chrysotile 2% Crocidolite	Friable	--	1986	--
19W / 19W-03	1892	10,167	Basement – white fluffy (3 in x 80 ft)	35% Chrysotile 2% Crocidolite	Friable	--	1986	--
19W / No sample number	1892	10,167	Basement – white fluffy (2 in x 80 ft)	28% Chrysotile 2% Crocidolite	Friable	--	1986	--
19W / No sample number	1892	10,167	Crawl space – white fluffy (3 in x 50 ft)	35% Chrysotile 2% Crocidolite	Friable	--	1986	--
19	1892	10,167	--	--	--	--	--	2002 – Reams Enterprises removed 30 LF of wrapped

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
								asbestos piping in Quarters 19W.
20 / 20-02	1904	6,098	Boiler room - white fluffy (3 in x 25 ft)	40% Chrysotile	Friable	--	1986	--
20 / No sample number	1904	6,098	Basement – white fluffy (3 in x 100 ft)	40% Chrysotile	Friable	--	1986	--
20 / 20-03	1904	6,098	Basement – white fluffy (2 in x 110 ft)	25% Chrysotile	Friable	--	1986	--
20 / 20-04	1904	6,098	Basement – white fluffy (2 in x 12 ft)	25% Chrysotile	Friable	--	1986	--
20 / 20-05	1904	6,098	Basement – white fluffy (3 in x 15 ft)	30% Chrysotile	Friable	--	1986	--
22 / MAC-00022-01	1917	7,263	Crawl space (N): debris and PI remnants - tan, fibrous material (4,800 SF)	60% Chrysotile	Friable	--	1986	--
22 / MAC-00022-06	1917	7,263	Crawl space (S): debris/soil (4,800 SF)	60% Chrysotile	Friable	--	1986	--
22 / 22-26, 22-27, 22-28	1917	7,263	First Floor: video room, Billeting Manager’s office, open office space, corridor (next to video room), Family Housing Director’s office, file/copy room (under all carpet) - 1’x1’ cream floor tile and adhesive (1,300 SF)	2-5% Chrysotile	Non-Friable	Intact, fair to good condition, low potential for damage	1994	--
22 / 22-47, 22-48	1917	7,263	Roof; in valley of roof around vent – black roof sealant (30 LF)	Up to 15% Chrysotile	Non-Friable	Good condition, not easily accessible, low potential for damage	1994	--
27 / MAC-00027-01	1942	8,199	Crawl space: debris (4,000 SF)	45% Chrysotile	Friable	--	1986	--
27 / 27-5	1942	8,199	Crawl space (scattered): air cell insulation (500 SF)	55% Chrysotile	Friable	Poor	1994	--
27 / 27-6	1942	8,199	Crawl space (scattered): white insulation (500 SF)	30% Chrysotile	Friable	Poor	1994	--
27 / 27-7, 27-8, 27-9	1942	8,199	First floor, boiler room – 10 in pipe elbows (4)	15% Chrysotile	Friable	Fair to good, with potential for damage	1994	--
27 / 27-20, 27-29, 27-35	1942	8,199	1 st Floor; stairway landings, Units #1, #2, #5 – kitchens (under linoleum). 2 nd Floor; stairway landings, Units #3, #4, #6 – kitchens (under linoleum)–12” x 12” floor tile and adhesive (635 SF)	3-15% Chrysotile	Non-Friable	Intact, in good condition, not accessible	1994	--
27 / 27-41	1942	8,199	Roof, around vents – black roof sealant (5 LF)	20% Chrysotile	Non-Friable	Intact, in good condition, not accessible	1994	--
28 / MAC-00028-01	1942	8,199	Crawl space: debris (4,000 SF)	90% Chrysotile	Friable	--	1986	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
28 / MAC-0028-03	1942	8,199	Hot water tank pipe joints (5)	95% Chrysotile	Friable	--	1986	--
28 / 28-7, 28-16, 28-19	1942	8,199	1 st Floor; stairway landings, Units #1, #2, #5 – kitchen (beneath linoleum); 2 nd Floor; stairway landings, Units #3, #4, #6 (beneath linoleum) – 12” x 12” white floor tile and adhesive (665 SF)	4-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1994	--
28 / 28-9	1942	8,199	Crawlspace; beneath Unit #2 – White pipe insulation (500 SF)	50% Chrysotile	Friable	Poor	1994	--
28 / 28-32	1942	8,199	Crawlspace; beneath Unit #2 – air cell pipe insulation (500 SF)	75% Chrysotile	Friable	Poor	1994	--
28 / 28-34	1942	8,199	1 st Floor; boiler room – 4” pipe elbow insulation (5)	90% Chrysotile	Friable	Good, with some potential for damage	1994	--
40 / 02	1904	21,255	1 st Floor – plaster walls / ceilings (43,130 SF)	5% Chrysotile	NS	--	1993	--
40 / 40-B-78PR	1904	21,255	Basement, mechanical room – pipe run, fabric wrapped sulfur rock insulation	1% Chrysotile in total sample; 4% in gray gummer layer of outer wrapping	Friable	--	1997	Survey report noted “the removal of asbestos insulation on thermal systems was evident” (USACE, 1997).
40 / 40-B-79PE	1904	21,255	Basement, mechanical room – pipe elbow, fabric wrapped sulfur rock insulation	4% in gray gummer layer of outer wrapping	NS	--	1997	--
40 / 40-1-1	1904	21,255	1 st Floor, bathroom – 12” x 12” grey floor tiles with specks	Tile 2% Chrysotile Mastic 4% Chrysotile	Non-Friable	Good	1997	--
40 / 40-1-3	1904	21,255	North entryway – linoleum-grey and white spotted	15% Chrysotile	Non-Friable	Damaged	1997	--
40 / 40-1-4	1904	21,255	Middle entryway – linoleum-grey and white spotted	20% Chrysotile	Non-Friable	Damaged	1997	--
40 / 40-1-5	1904	21,255	1 st Floor bathroom – 12” x 12” grey floor tiles with specks	Tile 8% Chrysotile Mastic 4% Chrysotile	Non-Friable	Good	1997	--
40 / 40-1-7	1904	21,255	Recreation room – linoleum-grey and white spotted	5% Chrysotile	Non-Friable	Damaged	1997	--
40 / 40-1-9	1904	21,255	South entryway – linoleum-grey and white spotted	10% Chrysotile	Non-Friable	Good	1997	--
40 / 40-1-11	1904	21,255	1 st Floor bathroom – 12” x 12” grey floor tiles with specks	Tile 2% Chrysotile Mastic 5%	Non-Friable	Good	1997	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
				Chrysotile				
40 / 40-B-12	1904	21,255	Middle basement – 9” x 9” red and black checkered floor tiles - Red	Tile 4% Chrysotile Mastic 8% Chrysotile	Non-Friable	Significantly damaged	1997	--
40 / 40-B-13	1904	21,255	Middle basement – 9” x 9” red and black checkered floor tiles - Black	Tile 2% Chrysotile Mastic 6% Chrysotile	Non-Friable	Significantly damaged	1997	--
40 / 40-B-14	1904	21,255	Middle basement – 12” x 12” white floor tiles with specks	Tile 6% Chrysotile Mastic 6% Chrysotile	Non-Friable	Damaged and some missing	1997	--
40 / 40-2-17	1904	21,255	2 nd Floor bathroom – 12” x 12” grey floor tiles with specks	Tile 4% Chrysotile Mastic 7% Chrysotile	Non-Friable	Good	1997	--
40 / 40-2-18	1904	21,255	2 nd Floor bathroom – 12” x 12” black floor tiles with specks	Tile 2% Chrysotile Mastic 2% Chrysotile	Non-Friable	Good	1997	--
40 / 40-2-19	1904	21,255	2 nd Floor bathroom – 12” x 12” grey floor tiles with specks	Tile 3% Chrysotile Mastic 5% Chrysotile	Non-Friable	Good	1997	--
40 / 40-2-20	1904	21,255	Kitchen – 12” x 12” grey floor tile with white and brown streaks	Tile 7% Chrysotile	Non-Friable	Fair	1997	--
40 / 40-2-22	1904	21,255	2 nd Floor bathroom – 12” x 12” grey floor tiles with streaks	Tile 2% Chrysotile Mastic 3% Chrysotile	Non-Friable	Good	1997	--
40 / 40-2-105	1904	21,255	2 nd Floor bathroom – red floor covering under linoleum and wood decking	Mastic 4% Chrysotile	Non-Friable	--	1997	--
40 / 40-2-106	1904	21,255	2 nd Floor bathroom – white floor tile underlayer	Tile 4% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	1997	--
40 / 40-1-109	1904	21,255	1 st Floor bathroom – white floor covering material, under linoleum and wood decking, 3 rd layer down	Tile 10% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	1997	--
40 / 40-1-110	1904	21,255	1 st Floor bathroom – green floor covering material, under linoleum and wood decking, 4 th layer down	Mastic 10% Chrysotile	Non-Friable	--	1997	--
40 / 40-1-112	1904	21,255	1 st Floor bathroom – blue floor tile material, under linoleum and wood decking	Tile 10% Chrysotile	Non-Friable	--	1997	--
40 / 40-2-113	1904	21,255	2 nd Floor bathroom – 12” x 12” tan floor tile with	Tile 5%	Non-Friable	--	1997	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			specks and streaks	Chrysotile; Mastic 5% Chrysotile				
40 / 40-2-114	1904	21,255	2 nd Floor bathroom – linoleum-grey/green with black streaks, under 12” white tiles	Tile 7% Chrysotile	Non-Friable	--	1997	--
40 / 40-B-41	1904	21,255	2 nd floor north stairwell – transite ceiling panel, tacking onto ceiling rafters (3’ x 3’)	40% Chrysotile	Non-Friable	--	1997	--
40 / 40-2-74	1904	21,255	2 nd floor living room – fireplace patch mortar	30% Chrysotile	NS	--	1997	--
40 / 40-2-75	1904	21,255	Middle staircase – black vinyl staitread	2% Chrysotile	NS	--	1997	--
40 / 40-B-88	1904	21,255	Basement south section – ceiling patch compound	2% Chrysotile	Friable	--	1997	--
40 / 40-96	1904	21,255	Front door-north – exterior door trim caulking	2% Chrysotile	NS	--	1997	--
40 / 40-2-119	1904	21,255	Rear bathroom – sink soundproofing	2% Chrysotile	NS	--	1997	--
40 / 40-R-120	1904	21,255	Northmost chimney – caulk on chimney flashing	8% Chrysotile	Non-Friable	--	1997	--
40 / 40-R-121	1904	21,255	Various locations on roof – hole patching cement	10% Chrysotile	Non-Friable	--	1997	--
40 / 40-R-125	1904	21,255	Various locations on roof – roof flashing cement	10% Chrysotile	Non-Friable	--	1997	--
41	1891	6,846	--	--	--	--	--	1999 – Morley Environmental removed 6,320 SF of asbestos from roof. Manifested to Chadwick Landfill, Atlanta, GA.
46 / 46-24	1918	8,827	1 st Floor offices, under carpet and kitchen - 12” white, vinyl floor tile with mastic (930 SF)	Tile 3% Chrysotile	Non-Friable	Good	1995	--
46 / 46-25	1918	8,827	1 st Floor copy room, under carpet – green and black floor tile and mastic and floor leveling compound (100 SF)	Tile 3% Chrysotile	Non-Friable	Good	1995	--
46 / 46-26	1918	8,827	Kitchen, under cabinet – sink undercoating material (4 SF)	7% Chrysotile	Non-Friable	Good	1995	--
47 / MAC00047-01	1942	4,336	Boiler room – gray, cementitious wall panel (200 SF)	40% Chrysotile	Non-Friable	--	1986	
47 / MAC00047-04	1942	4,336	Basement – 1” gray, corrugated pipe insulation (1” x 80’)	15% Chrysotile	Friable	--	1986	
47 / MAC00047-05	1942	4,336	Basement – gray, cementitious wall panel (120 SF)	40% Chrysotile	Non-Friable	--	1986	
47 / MAC00047-06	1942	4,336	Crawl space – 2½” gray, fibrous pipe insulation (2½” x 110’)	20% Chrysotile	Friable	--	1986	
47	1942	4,336	--	--	--	--	--	1989 – 40 yds of

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
								asbestos manifested to Live Oak Landfill, Conley, GA on 11/1/89.
51 / MAC00051-01	1893	7,891	First Floor – floor tile	3% Chrysotile	Friable	Brittle	1986	--
51	1893	7,891	--	--	--	--	--	1991 – HME Construction removed 40 CY of asbestos. Manifested to Donzi Lane Landfill, Atlanta, GA.
53 / MAC00053-02	1944	988	Grey vinyl floor tile	3% Chrysotile	Friable	Brittle	1986	--
56 / MAC00056-01	1889	10,129	Crawl space – pipe joints (160)	15% Chrysotile	Friable	--	1986	--
56 / MAC00056-02	1889	10,129	1 st Floor entranceway, above suspended ceiling – pipe joints (4)	15% Chrysotile	Friable	--	1986	--
56 / MAC00056-03	1889	10,129	Attic – pipe insulation residue/debris (4' x 75')	10% Chrysotile 25% Amosite	Friable	--	1986	--
56 / MAC00056-04	1889	10,129	Attic – pipe insulation (3' x 194')	10% Chrysotile 25% Amosite	Friable	--	1986	--
58 / MAC00058-03	1891	20,259	Attic – pipe insulation (3' x 300')	45% Chrysotile	Friable	--	1986	--
58 / MAC00058-04	1891	20,259	Attic – pipe insulation (1½' x 250')	40% Chrysotile	Friable	--	1986	--
58 / 58-1, 58-2 & 58-3	1891	20,259	Roof, entire roof – green shingles and tar paper (9,000 SF)	40% Chrysotile	Non-Friable	Good condition, inaccessible	1995	--
58 / 58-4	1891	20,259	Roof; around roof vents, dormer seals, broken shingles – black roof sealant (200 LF)	4% Chrysotile	Non-Friable	Good condition, intact and inaccessible	1995	--
58 / 58-5, 58-6, 58-18, 58-19, 58-35 & 58-37	1891	20,259	1 st Floor – throughout (except restrooms); 2 nd Floor – throughout (except restrooms) – 9" x 9" green with white streaks floor tile and adhesive (12,381 SF)	4-10% Chrysotile	Non-Friable	Good condition, intact and accessible	1995	--
58 / 58-16, 58-17 & 58-35	1891	20,259	1 st Floor vestibules; 2 nd Floor vestibules – 12" x 12" tan floor tile and adhesive (983 SF)	2-10% Chrysotile	Non-Friable	Good condition, intact and accessible	1995	--
58 / 58-43, 58-44 & 58-47	1891	20,259	Attic – east wing; west wing – 5" pipe aircell insulation (210 LF)	60% Chrysotile	Friable	Poor condition;	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
						high potential for disturbance; immediate removal or repair recommended		
58 / 58-45 & 58-48	1891	20,259	Attic – east wing; west wing – 4” pipe aircell insulation (515 LF)	60% Chrysotile	Friable	Poor condition; potential for significant damage; immediate removal or repair recommended	1995	--
58 / 58-46 & 58-49	1891	20,259	Attic – east wing; west wing – aircell pipe insulation debris (350 SF)	45-55% Chrysotile	Friable	Poor condition; high potential for disturbance; immediate removal or repair recommended	1995	--
58 / 58-1-9	1891	20,259	Brown thermal system insulation (TSI)	25% Chrysotile	Friable	--	2000	--
58 / 58-1-12	1891	20,259	Gray TSI	50% Chrysotile	Friable	--	2000	--
59 / 59-39, 59-40 & 59-41	1906	15,194	Basement; work area #1, vestibule #1, office #1, open office #1, storage #1 (partial) – 12” x 12” tan floor tile and adhesive (1,052 SF)	Up to 3% Chrysotile (adhesive only)	Non-Friable	Intact, in good condition	1995	--
59 / 59-43, 59-44 & 59-45	1906	15,154	Basement; sublayer in – vestibule #1, work area #1, office #1, open office #1 and storage #1 – 9” x 9” black with tan streaks floor tile and adhesive (1,338 SF)	3-5% Chrysotile	Non-Friable	Intact, in good condition	1995	--
59 / 59-52 & 59-53	1906	15,154	Basement; vault #1 – 12” x 12” beige floor tile and adhesive (225 SF)	5-10% Chrysotile (adhesive only)	Non-Friable	Intact, in good condition	1995	--
59 / 59-1	1906	15,154	Roof; roof protrusions – roof flashing (40 SF)	20% Chrysotile	Non-Friable	Intact, in good condition, limited	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
						accessibility		
60 / MAC00060-01	1889	11,756	Crawl space – PI debris (4,000 SF)	40% Chrysotile	Friable	--	1986	--
60 / 60-1, 60-2 & 60-3	1889	11,756	Roof; entire area – green roof shingle and tar paper (12,000 SF)	40% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
60 / 60-4	1889	11,756	Roof; along dormer seams and along vents – black roof sealant (200 LF)	10% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
60 / 60-5	1889	11,756	Roof; around broken shingles – gray roof sealant and pad (150 SF)	50% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
60 / 60-6, 60-7 & 60-8	1889	11,756	1 st Floor; vestibules #1, #2 and #3 – 12” x 12” white with gray streaks floor tile and adhesive (815 SF)	5% Chrysotile (in adhesive only)	Non-Friable	Intact, in good condition, limited accessibility	1995	--
60 / 60-9, 60-10 & 60-11	1889	11,756	2 nd Floor; vestibules #1, #2 and #3 – 12” x 12” white floor tile and adhesive (418 SF)	5-10% Chrysotile (in adhesive only)	Non-Friable	Intact, in good condition, limited accessibility	1995	--
60 / 60-57 & 60-60	1889	11,756	1 st Floor; western wing hall (beneath particle board) – black linoleum (120 SF)	4-10% Chrysotile	Non-Friable	Intact, in unknown condition, inaccessible	1995	--
60 / 60-58, 60-61 & 60-65	1889	11,756	1 st Floor; western west wing wall, central western wing hall, eastern east wing hall (beneath particle board) – 9” x 9” brown floor tile and adhesive (1,500 SF)	3-20% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
60 / 60-66, 60-69 & 60-72	1889	11,756	Attic; east wing, central wing, west wing – 5” pipe insulation (365 LF)	15-25% Chrysotile; up to 10% Crocidolite	Friable	Damaged, in poor condition, limited accessibility	1995	--
60 / 60-67, 60-70 & 60-73	1889	11,756	Attic; east wing, central wing, west wing – 4” pipe insulation (720 LF)	15-25% Chrysotile; up to 10% Crocidolite	Friable	Damaged, in poor condition, limited	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
						accessibility		
60 / 60-68, 60-71 & 60-74	1889	11,756	Attic; east wing, central wing, west wing – pipe insulation debris (400 SF)	20-40% Chrysotile; up to 10% Crocidolite	Friable	Damaged, in poor condition, limited accessibility	1995	--
60 / 60-75	1889	11,756	Crawlspace; west wing – aircell pipe insulation debris (25 SF)	80% Chrysotile	Friable	Damaged, in poor condition, limited accessibility	1995	--
60 / FM-60-01	1889	11,756	Piping	4% Chrysotile Brown layer 2% Chrysotile Grey 20% Chrysotile	Friable	--	2000	--
60 / 60-1-2	1889	11,756	White	3% Chrysotile	Non-Friable	--	2000	--
60 / MAC00061-02	1889	11,756	Boiler room – pipe insulation (2½” x 10’)	65% Chrysotile	Friable	--	1986	--
60 / MAC00061-03	1889	11,756	Boiler room – pipe insulation (3” x 12’)	2% Chrysotile	Friable	--	1986	--
61 / 61-3, 61-4 & 61-5	1906	10,673	1 st Floor; dining #3, office – amber linoleum (1,431 SF)	30% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
61 / 61-6, 61-7 & 61-8	1906	10,673	1 st Floor; dining #3 – black linoleum, adhesive and pad (1,296 SF)	2-70% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
61 / 61-9, 61-29 & 61-30	1906	10,673	1 st Floor; mechanical equipment, dining #1, #2 – gray cobblestone linoleum and pad (2,304 SF)	20-35% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
61 / 61-11	1906	10,673	1 st Floor; dining #3 – gray leveling compound and pad (4 SF)	50% Chrysotile (Pad only)	Non-Friable	In good condition, low potential for damage	1995	--
61 / 61-26, 61-27 & 61-28	1906	10,673	1 st Floor; all windows – window caulk (600 LF)	2% Tremolite	Friable	Intact, in good condition, inaccessible	1995	--
61 / 61-34	1906	10,673	1 st Floor; near mechanical equipment – duct wrap and patch (100 SF)	5% Chrysotile 5% Tremolite	Non-Friable	Intact, in good condition, inaccessible	1995	--
61 / 61-35	1906	10,673	1 st Floor office – 12” x 12” white floor tile and	2% Chrysotile	Non-Friable	Intact, in good	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			adhesive (135 SF)			condition, accessible		
61 / 61-56 & 61-57	1906	10,673	Basement; mail room, west wall – textured plaster wall (250 SF)	3% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
61 / 61-61	1906	10,673	Basement; waiting, vestibule #2 – tape and wall mud (320 SF)	2% Chrysotile	Non-Friable	Intact, in good condition, inaccessible	1995	--
61 / 61-62 & 61-63	1906	10,673	Basement; waiting – 12” x 12” white with gray streaks floor tile and adhesive (435 SF)	2-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
62 / MAC00062-01	1891	10,876	Crawl space – pipe insulation (2” x 180’)	2% Chrysotile	Friable	--	1986	--
62 / MAC00062-03	1891	10,876	Attic – PI debris (7,500 SF)	25% Chrysotile	Friable	--	1986	--
62 / 62-4 & 62-17	1891	10,876	1 st Floor; western west wing wall, rooms #133 and #138; 2 nd Floor; western west wing wall – 12” x 12” cream replacement floor tile and adhesive (250 SF)	Up to 3% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
62 / 62-10, 62-11, 62-18, 62-24, 62-31, 62-39 & 62-44	1891	10,876	1st Floor; all halls, rooms #101 thru #115, #121 thru #129, #134, #138 thru #142; 2nd Floor; all halls, rooms #201 thru #215, #221 thru #228, #233 thru #235 – 12” x 12” tan with brown specks floor tile and adhesive (10,865 SF)	2-5% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
62 / 62-12, 62-23, 62-32 & 62-54	1891	10,876	1 st Floor; east and west vestibules; 2 nd Floor; east and west vestibules – 12” x 12” beige with tan streaks floor tile adhesive (1,000 SF)	Up to 7% Chrysotile (in adhesive only)	Non-Friable	Intact, in good condition, accessible	1995	--
62 / 62-61, 62-62, 62-63 & 62-64	1891	10,876	Roof; entire roof – green (cementitious) roof shingles and tar paper (9,000 SF)	40% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
62 / 62-65	1891	10,876	Roof; around roof vents and broken shingles – black roof sealant (80 SF)	20% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
62 / 62-66, 62-67 & 62-68	1891	10,876	Attic; east wing, west wing – pipe insulation debris (600 SF)	20-25% Chrysotile 1-2% Amosite	Friable	Damaged, in poor condition, limited accessibility	1995	--
62 / 62-70	1891	10,876	Crawlspace; west wing – aircell insulation debris	25% Chrysotile	Friable	Damaged, in	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			(50 SF)			poor condition, limited accessibility		
62 / 62-1-4	1891	10,876	Floor tile and mastic	Tile 12% Chrysotile	Non-Friable	--	2000	--
62/ 62-1-5	1891	10,876	Floor tile	Floor Tile 10% Chrysotile	Non-Friable	--	2000	--
62	1891	10,876	--	--	--	--	--	1999 – Morley Environmental removed 18,000 SF of ACM from roof.
63 / MAC00063-01	1906	15,155	Crawl space – pipe insulation (2" x 160')	25% Chrysotile	Friable	--	1986	--
63 / MAC00063-02	1906	15,155	Crawl space – debris (4,400 SF)	30% Chrysotile	Friable	--	1986	--
63 / MAC00063-03	1906	15,155	Basement – pipe joints (14)	5% Chrysotile	Friable	--	1986	--
63 / MAC00063-04	1906	15,155	Boiler room – short remnant, PI (4" x 2')	35% Chrysotile	Friable	--	1986	--
63 / MAC00063-05	1906	15,155	Boiler room – PI (1½" x 20')	35% Chrysotile	Friable	--	1986	--
63 / MAC00063-06	1906	15,155	Boiler room – HWT casing insulation (3' x 8')	30% Chrysotile	Friable	--	1986	--
63 / MAC00063-07	1906	15,155	Boiler room – (above HWT) pipe insulation (3" x 7')	35% Chrysotile	Friable	--	1986	--
63 / MAC00063-10	1906	15,155	Boiler room – PI (2" x 4')	30% Chrysotile	Friable	--	1986	--
63 / MAC00063-12	1906	15,155	Funeral Ops – pipe joints (10)	3% Chrysotile	Friable	--	1986	--
63 / 63-44 & 63-45	1906	15,155	Roof; around vents – black roof flashing (20 LF)	Up to 15% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
65 / MAC00065-03	1904	42,418	1st Floor, conf room, Base CDR – 2nd layer wallboard (north wall) beneath attic panel	10% Chrysotile	NS	--	1986	--
65 / MAC00065-04	1904	42,418	1st Floor, conf room, Base CDR – gray paper between wallboard layers	45% Chrysotile	NS	--	1986	--
65 / MAC00065-07	1904	42,418	1st Floor, hall entrance to Bay E CDR Off – pipe joints (4)	2% Chrysotile	Friable	--	1986	--
65 / MAC00065-10	1904	42,418	2nd Floor, JAG sec'y area – wall plaster	4% Chrysotile		--	1986	--
65 / MAC00065-11	1904	42,418	Mech room – boiler casing insulation	85% Chrysotile	Friable	--	1986	--
65 / MAC00065-12	1904	42,418	Mech room – joint insul above boiler (16 joints)	2% Chrysotile	Friable	--	1986	--
65 / MAC00065-13	1904	42,418	Mech room – joint insul at heat exchanger (4 joints)	5% Chrysotile	Friable	--	1986	--
65 / MAC00065-20	1904	42,418	1st Fl, conf rm – wall board	30% Chrysotile	NS	--	1986	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
				5% Crocidolite				
65 / MAC0065-29	1904	42,418	1st Fl, ADJ, near stair – wall board	5% Chrysotile	NS	--	1986	--
65 / MAC0065-30	1904	42,418	1st Fl (north), hall – wall board	5% Chrysotile	NS	--	1986	--
65 / MAC0065-35	1904	42,418	2nd Fl (west), hear A/C room – wall board	3% Chrysotile	NS	--	1986	--
65 / MAC0065-36	1904	42,418	2nd Fl, west outer wall – wall board	4% Chrysotile	NS	--	1986	--
65 / MAC0065-51	1904	42,418	2nd Fl, east of stair – wall board	2% Chrysotile	NS	--	1986	--
65 / MAC0065-60	1904	42,418	2 nd Fl, Ind Rel office – wall plas brown coat	10% Chrysotile	NS	--	1986	--
65 / MAC0065-66	1904	42,418	1 st Fl, northwest hall – wall plaster (60 SF)	10% Chrysotile	NS	--	1986	--
65 / MAC0065-68	1904	42,418	1 st Fl, northwest hall – wall plaster (280 SF)	10% Chrysotile	NS	--	1986	--
65 / MAC0065-69	1904	42,418	1 st Fl, men's room – wall plaster (280 SF)	10% Chrysotile	NS	--	1986	--
65 / MAC0065-71	1904	42,418	1 st Fl, pipe ch – wall plaster (190 SF)	10% Chrysotile	NS	--	1986	--
65 / MAC0065-72	1904	42,418	Basement, (E) east hall – wall plaster (280 SF)	10% Chrysotile	NS	--	1986	--
65 / MAC0065-73	1904	42,418	2 nd Fl, JAG wall – wall plaster	1% Chrysotile	NS	--	1986	--
65 / MAC0065-74	1904	42,418	2 nd Fl stair area – ceil plaster (150 SF)	2% Chrysotile	NS	--	1986	--
65 / MAC0065-75	1904	42,418	Duplicate of Sample MAC00065-74	2% Chrysotile	NS	--	1986	--
65 / MAC0065-76	1904	42,418	Duplicate of Sample MAC00065-74	2% Chrysotile	NS	--	1986	--
65 / MAC0065-77	1904	42,418	1 st Floor hall (W) – wall plaster	10% Chrysotile	NS	--	1986	--
65 / MAC0065-78	1904	42,418	1 st Floor IG (E) – wall plaster	10% Chrysotile	NS	--	1986	--
65 / MAC0065-80	1904	42,418	2 nd Floor Ind Rel – wall plaster	10% Chrysotile	NS	--	1986	--
65 / MAC0065-81	1904	42,418	2 nd Floor JAG – wall plaster	10% Chrysotile	NS	--	1986	--
65 / MAC0065-83	1904	42,418	2 nd Floor hall (W) – ceil plaster	2% Chrysotile	NS	--	1986	--
65 / MAC0065-84	1904	42,418	2nd Floor hall (W) – ceil plaster	2% Chrysotile	NS	--	1986	--
65	1904	42,418	--	--	--	--	--	1991 – HME Construction removed 120 CY of asbestos. Manifested to Donzi Lane Landfill, Atlanta, GA in Dec 1990.
100 / MAC00100-03	1897	9,647	Basement – joint plaster (56 joints)	5% Chrysotile	NS	--	1986	--
100 / 100-3, 100-13 & 100-14	1897	9,647	Basement; throughout (except structural walls); 1 st Floor; throughout – tape and wall mud (11,200 SF)	Up to 5% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
100 / 100-26	1897	9,647	Roof; around 6 vents, 8 pipes – gray roof sealant (88 LF)	15% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
100 / 100-B-10	1897	9,647	Overhead, above boiler – boiler pipe gasket (TSI)	60% Chrysotile	Non-Friable	--	1997	--
100 / 100-1-26	1897	9,647	Mechanical room, behind HVAC unit – floor tile	Tile 2% Chrysotile	Non-Friable	--	1997	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			9" x 9" gray (30 SF)					
100 / 100-R-36	1897	9,647	Roof; vent caulking	5-6% Chrysotile	Non-Friable	Some deterioration	1997	--
101 / 101-4, 101-5 & 101-6	1889	10,189	1 st Floor; PMO, throughout; dental clinic, administration office #1, #2 – 12" x 12" white with gray streaks floor tile and adhesive (2,790 SF)	Up to 10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101 / 101-7, 101-8, 101-9, 101-47 & 101-48	1889	10,189	1 st Floor; PMO, waiting #1, office #1, #2; 2 nd Floor; PMO, hall #1, room #6, CID, throughout – 12" x 12" beige with brown and white streaks floor tile and adhesive (3,030 SF)	3-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101 / 101-15	1889	10,189	1 st Floor; PMO, hall #2 – pipe insulation (14 LF)	20% Chrysotile	Friable	Intact, in good condition, limited accessibility	1995	--
101 / 101-17 & 101-18	1889	10,189	1 st Floor; PMO, waiting #1, hall #2, security #2 – 9" x 9" white floor tile and adhesive (500 SF)	2-3% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101 / 101-19 & 101-20	1889	10,189	1 st Floor; PMO, waiting #1, hall #2 – 9" x 9" brown floor tile and adhesive (190 SF)	2-4% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101 / 101-21, 101-22 & 101-23	1889	10,189	2 nd Floor; PMO, throughout – 12" x 12" tan with white streaks floor tile and adhesive (1,800 SF)	2-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101-24 & 101-25	1889	10,189	2 nd Floor; PMO, hall #1 (partial) evidence #1 – 12" x 12" green floor tile and adhesive (1,000 SF)	4-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101-35 & 101-36	1889	10,189	2 nd Floor A; men's room #1, women's room #1 – yellow linoleum (196 SF)	30% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
101 / 101-53, 101-54 & 101-58	1889	10,189	2 nd Floor; CID, special agent #5, polygraph room A – 1' x 1' random holes ceiling tile and adhesive (210 SF)	Up to 2% Tremolite (in paint only)	Friable	Intact, in good condition, limited accessibility	1995	--
101 / 101-65	1889	10,189	Low roof; around vents – black roof sealant (5 LF)	5% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
101 / 101-B-7PR	1889	10,189	Boiler room area (abandoned steam pipe in room)	60% Chrysotile	Friable	Damaged	1996	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			adjacent to boiler room) - pipe run white fluffy inner insulation					
101 / 101-1-47PR	1889	10,189	Vertical pipe in exterior wall (abandoned steam pipe run) – pipe run white fluffy inner insulation	30% Chrysotile	Friable	Damaged	1996	--
101 / 101-1-49PR	1889	10,189	Abandoned pipe in wall – pipe run fibrous white insulation	25% Chrysotile	Friable	Damaged	1996	--
101 / 101-1-51PR	1889	10,189	Abandoned pipe above ceiling (cut off and damaged) – pipe run fibrous white insulation	60% Chrysotile	Friable	Damaged	1996	--
101 / 101-2-17	1889	10,189	North end of Bldg at doorway – 12” x 12” floor tile, tan tile with dark streaks, some areas covered with carpet (unable to estimate quantity)	Tile 10% Chrysotile Mastic 5% Chrysotile	Non-Friable	Good	1996	--
101 / 101-2-18	1889	10,189	North hallway – 12” x 12” tan floor tile, tan tile with dark streaks, some areas covered with carpet (unable to estimate quantity)	Tile 10% Chrysotile Mastic 5% Chrysotile	Non-Friable	Good	1996	--
101 / 101-2-23	1889	10,189	Rest rooms – rolled linoleum floor covering, white (3,000 SF)	30% Chrysotile	Non-Friable	Good	1996	--
101 / 101-2-39	1889	10,189	South hallway – 12” x 12” tan floor tile, tan tile with dark streaks, some areas covered with carpet (unable to estimate quantity)	Tile 4% Chrysotile Mastic 10% Chrysotile	Non-Friable	Good	1996	--
101 / 101-1-41	1889	10,189	Tile at the bottom of the stairs – 12” x 12” white floor tile, white tile with dark streaks, some areas covered with carpet squares (unable to estimate quantity)	Tile 2% Chrysotile Mastic 4% Chrysotile	Non-Friable	Good	1996	--
101 / 101-1-42	1889	10,189	Hallway – 12” x 12” white floor tile, white tile with dark streaks, some areas covered with carpet squares (unable to estimate quantity)	Tile 2% Chrysotile Mastic 10% Chrysotile	Non-Friable	Good	1996	--
101 / 101-B-13	1889	10,189	Applied between the sections in the boiler – boiler gasket plaster type material	3% Chrysotile	Friable	Fair	1996	--
101 / 101-2-24	1889	10,189	In men’s rest room closet – sheetrock joint compound (unable to estimate quantity)	2% Chrysotile	Non-Friable	Damaged	1996	--
101 / 101-1-30	1889	10,189	Storage space – acoustic wall tile 12” x 12” white fibrous material (unable to estimate quantity)	5% Amosite	Friable	Damaged	1996	--
105 / 105-1-13	1889	969	Hallway – unknown size floor tiles under 12” x 12” white tiles (unable to estimate quantity)	Tile 2% Chrysotile Mastic 10% Chrysotile	Non-Friable	Unable to estimate	1996	--
105 / 105-1-16	1889	969	Above drop ceiling – caulk sealant on wall (30 LF)	8% Chrysotile	Non-Friable	Significant damage	1996	--
105 / 105-1-3	1889	969	Waiting room – light grey 3rd layer down	Mastic 3%	Non-Friable	--	2000	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
				Chrysotile				
105 / 105-1-4	1889	969	Waiting room – light grey 4th layer down (lowest)	Tile 2% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	2000	--
105 / 105-1-5	1889	969	Waiting room – light grey 3rd layer down	Tile 2% Chrysotile	Non-Friable	--	2000	--
105 / 105-2-7	1889	969	Closet – light grey 2nd layer down (lowest)	Tile 3% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	2000	--
105 / 105-3-8	1889	969	Exam room – light grey 2nd layer down (lowest)	Tile 5% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	2000	--
105 / 105-4-11	1889	969	Hallway – light grey 3rd layer down (lowest)	Tile 2% Chrysotile Mastic 10% Chrysotile	Non-Friable	--	2000	--
105 / 105-5-13	1889	969	Office – light grey 4th layer down (lowest)	Tile 3% Chrysotile Mastic 4% Chrysotile	Non-Friable	--	2000	--
105	1889	969	--	--	--	--	--	2001 – PROTECH Contractors removed 2,064 SF of asbestos floor tile and mastic. Manifested 5 CY to Pine Ridge Landfill, Griffin, GA.
135 / 135.1.1	1973	5,282	Light brown floor tile	Tile 3% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	2001	--
135 / 135.1.2	1973	5,282	Dark brown floor tile	Mastic 10% Chrysotile	Non-Friable	--	2001	--
136 / 136-01	1891	1,920	Crawl space – riser insulation (3 – 1 in x 5 ft)	25% Chrysotile 10% Crocidolite	Friable	--	1986	--
136 / 136-02	1891	1,920	Crawl space – riser insulation (3 – ¾ in x 4 ft)	15% Chrysotile 20% Crocidolite	Friable	--	1986	--
136 / 136-03	1891	1,920	First floor – pipe chase (2 - 1 in x 1 ft)	55% Amosite 10% Crocidolite	NS	--	1986	--
137 / 137-01	1892	1,124	Crawl space – debris (800 SF)	30% Amosite 3% Crocidolite	Friable	--	1986	--
138 / 138-01	1889	1,124	Crawl space – riser insulation (2 – ¾ in x 3 ft)	30% Chrysotile	Friable	--	1986	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
138 / 138-02	1889	1,124	Crawl space – riser insulation (2 – ¾ in x 4 ft)	25% Chrysotile	Friable	--	1986	--
138 / 138-03	1889	1,124	Crawl space – riser insulation (1½ in x 4 ft)	10% Chrysotile 5% Amosite 3% Crocidolite	Friable	--	1986	--
139 / 139-01	1889	1,124	Crawl space – riser insulation (3 – ¾ in x 3 ft)	20% Chrysotile 10% Amosite	Friable	--	1986	--
139 / 139-02	1889	1,124	Crawl space – riser insulation (5 – ¾ in x 5 ft)	30% Chrysotile 10% Amosite	Friable	--	1986	--
141 / 141-01	1889	1,124	Crawl space – riser insulation (3 – ¾ in x 2 ft)	30% Chrysotile	Friable	--	1986	--
142 / 142-02	1892	1,124	Crawl space – riser insulation (2 – ¾ in x 3 ft)	25% Chrysotile 5% Crocidolite	Friable	--	1986	--
142 / 142-03	1892	1,124	Crawl space – riser insulation (¾ in x 2 ft)	30% Chrysotile 5% Crocidolite	Friable	--	1986	--
142 / 142-04	1892	1,124	Crawl space – riser insulation (4 – ¾ in x 4 ft)	40% Chrysotile 5% Crocidolite	Friable	--	1986	--
160 / MAC00160-01	1917	5,271	Boiler room – heat exchanger gasket (5')	25% Chrysotile	Friable	--	1986	--
160 / MAC00160-09	1917	5,271	Basement, BX stores – pipe insulation (1" x 120')	20% Chrysotile 5% Crocidolite	Friable	--	1986	--
160 / MAC00160-10	1917	5,271	Basement, BX stores – pipe insulation (2" x 12')	25% Chrysotile	Friable	--	1986	--
167 / 167-1-26PE	1943	7,834	Overhead, above drop ceiling in hallway – pipe elbow paper and foil wrapped fiberglass insulation	6% Chrysotile in grey layer	Friable	--	1997	--
167 / 167-1-29PE	1943	7,834	Overhead, above drop ceiling in hallway – pipe elbow, paper and foil wrapped fiberglass insulation	3% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-30PE	1943	7,834	Overhead, above drop ceiling in hallway - pipe elbow, paper and foil wrapped fiberglass insulation	3% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-31PE	1943	7,834	Overhead, above drop ceiling in hallway - pipe elbow, paper and foil wrapped fiberglass insulation	3% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-32PE	1943	7,834	Overhead, above drop ceiling in hallway - pipe elbow, paper and foil wrapped fiberglass insulation	4% Chrysotile in grey layer	Non-Friable	--	1997	--
167 / 167-1-33PE	1943	7,834	Overhead, above drop ceiling in hallway - pipe elbow, paper and foil wrapped fiberglass insulation	6% Chrysotile in grey layer	Non-Friable	--	1997	--
167 / 167-1-34PR	1943	7,834	Overhead, above drop ceiling in hallway - pipe	5% Chrysotile in	Non-Friable	--	1997	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			run, paper and foil wrapped fiberglass insulation	grey layer				
167 / 167-1-35PR	1943	7,834	Overhead, above drop ceiling in hallway - pipe run, paper and foil wrapped fiberglass insulation	7% Chrysotile in grey layer	Non-Friable	--	1997	--
167 / 167-1-7	1943	7,834	Entryway lobby – floor tile 9” brown with red streaks, covered with carpet squares	Tile 6% Chrysotile Mastic 1% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-8	1943	7,834	Entry to hallway – floor tile 12” white with tan, covered with carpet squares	Tile 5% Chrysotile Mastic 10% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-10	1943	7,834	Hallway – floor tile 12” white with tan streaks	Tile 6% Chrysotile Mastic 4% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-12	1943	7,834	Hallway – floor tile 12” white with tan, covered with carpet squares	Tile 4% Chrysotile	Non-Friable	--	1997	--
167 / 167-2-13	1943	7,834	Second floor, room #9 – floor tile 12” white with tan, covered with carpet squares	Tile 5% Chrysotile Mastic 5% Chrysotile	Non-Friable	--	1997	--
167 / 167-2-14	1943	7,834	Hallway – floor tile 12” white with tan, covered with carpet squares	Tile 4% Chrysotile Mastic 6% Chrysotile	Non-Friable	--	1997	--
167 / 167-1-21	1943	7,834	Patch tile in closet – floor tile 12” white with tan, covered with carpet squares	Mastic 5% Chrysotile	Non-Friable	--	1997	--
168 / MAC00168-01	1933	7,671	Hall and boiler room – pipe insulation (1” x 190’)	9% Chrysotile	Friable	--	1986	--
168 / MAC00168-02	1933	7,671	Boiler room – pipe insulation (1” x 20’)	14% Chrysotile	Friable	--	1986	--
168 / MAC00168-03	1933	7,671	Boiler room – pipe insulation (2” x 40’)	9% Chrysotile	Friable	--	1986	--
168 / MAC00168-05	1933	7,671	Basement hall – pipe insulation (1” x 80’)	9% Chrysotile	Friable	--	1986	--
168 / MAC00168-06	1933	7,671	Basement hall – pipe insulation (1” x 90’)	9% Chrysotile	Friable	--	1986	--
168 / MAC00168-07	1933	7,671	Basement OPS room – pipe insulation, stub (2” x 10’)	5% Chrysotile 26% Amosite 5% Crocidolite	Friable	--	1986	--
169	1939	13,679	--	--	--	--	--	2002 - Reams Enterprises removed 240 LF of wrapped asbestos piping. Manifested to Live Oak Landfill, Conley, GA. 2002- PROTECH

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
								Contractors removed 12,400 SF of asbestos floor tile and mastic. Manifested to Pine Ridge Landfill, Griffin, GA.
170 / MAC00170-03	1930	13,679	Basement – floor tile	5% Chrysotile	Non-Friable	--	1986	--
170 / 170-1, 170-2, 170-63, 170-64, 170-65, 170-87 & 170-88	1930	13,679	Basement A, open office #1; 1 st Floor A, lab #3; 1 st Floor B, Floor 1B, Hall #1, #2, Doctor’s office #1, #2, #3, #4, Head Nurse’s office, Exam #1, #2, NCOIC, front desk, supply, central hall – 12” x 12” white with grey streaks floor tile and adhesive (2,628 SF)	3-7% Chrysotile (adhesive only)	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-12, 170-13, 170-14, 170-15, 170-16, 170-77 & 170-78	1930	13,679	Basement A; throughout (except open office #1, #2, storage #1, #2, vault #1, files #1, copy #1) 1st Floor A; files #1, #2, dressing room #1, X-ray #1, 1st Floor B; vital signs, waiting area reception #1 2nd Floor B; throughout (except office #1, #2, exam #1 – 12” x 12” grey with brown and white streaks floor tile and adhesive (8,507 SF)	Up to 15% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-17, 170-18, 170-43, 170-44 & 170-92	1930	13,679	Basement A; hall #1, #2, vestibule #1, stairwell BA, offices #1, #2, #3, open offices #3, #4, bath #1, activity area #1, storage #3, Basement B; mechanical room #2, pharmacy annex, hall #1, #2 1st Floor A; storage #1 (partial), 1st Floor B; break room (partial) – 9” x 9” black floor tile and adhesive (1,250 SF)	2-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-19, 170-20, 170-41, 170-42, 170-89, 170-90 & 170-91	1930	13,679	Basement A; hall #1, #2, vestibule #1, stairwell BA, offices #1, #2, #3, open offices #3, #4, bath #1, activity area #1, storage #3, Basement B; mechanical room #2, pharmacy annex, hall #1, #2, 1st Floor A; office #1, #2, hall #1, #2, lab #1, #2, #3, #4, Xray #1, dressing room #1, storage #1 (partial) 1st Floor B; closet, break room (partial) – 9” x 9” brown floor tile and adhesive (1,800 SF)	4-20% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-21 & 170-22	1930	13,679	Basement A; hall #1, #2, vestibule #1, stairwell BA, office #1, #2, #3, open office #3, #4, bath #1, activity area #1, storage #3, 1st Floor B; break	6-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			room – 18” x 6” black floor tile and adhesive (500 SF)					
170 / 170-37 & 170-38	1930	13,679	Basement B; mechanical room #1 – pipe elbow insulation and mastic wrap (14 FTGS)	7% Chrysotile (mastic wrap only)	Non-Friable	Intact, in good condition	1995	--
170 / 170-49, 170-66, 170-81 & 170-82	1930	13,679	Basement B; hall #1, 1st Floor A; x-ray #1, reception #1, files #1, #2, 1st Floor B; hall #2 – 12” x 12” tan with white spots floor tile and adhesive (580 SF)	Up to 4% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-58	1930	13,679	Basement B; pharmacy annex – 9” x 9” red with white streaks floor tile and adhesive (6 SF)	8-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-67, 170-68, 170-69, 170-83, 170-84, 170-85 & 170-86	1930	13,679	1st Floor A; lab #1, #2, #3, #4, office #1, hall #1, #2, 1st Floor B; hall #3, EKG, Doctor’s office #6, exam #5 – 9” x 9” white with grey streaks floor tile and adhesive (1,613 SF)	3-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-79 & 170-80	1930	13,679	1st Floor A; files #2, 1st Floor B; waiting area (beneath floor tile) – pink, white and brown linoleum (963 SF)	10-20% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-93, 170-94 & 170-95	1930	13,679	1st Floor A; hall #3, #4, reception #1, files #1, dressing room #1, x-ray #1, hall #6, 1st Floor B; vital signs – 9” x 9” green with blue and white streaks floor tile and adhesive (1,427 SF)	3-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-96, 170-97 & 170-98	1930	13,679	1st Floor A; hall #5, waiting #1, storage #2, x-ray #2, #3, #4, xray processing #1, office #2, #3, dressing room #2, #3, #4, #5, mechanical equipment room #1 – 9” x 9” white floor tile and adhesive (1,212 SF)	4-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-134 & 170-135	1930	13,679	2 nd Floor A; reception – 9” x 9” white with green streaks floor tile and adhesive (91 SF)	3-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-136, 170-137 & 170-138	1930	13,679	2 nd Floor A; office #7, #8, #9, exam #4, #5, #6, #7 – 2’ x 2’ crater ceiling tile (820 SF)	2% Chrysotile	Friable	Intact, in good condition, accessible	1995	--
170 / 170-139 & 170-140	1930	13,679	2 nd Floor B; office #1, exam #1 – 9” x 9” blue with white streaks floor tile and adhesive (358 SF)	4-5% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
170 / 170-142, 170-144 & 170-150	1930	13,679	Basement A, B; all windows, 1st Floor A, B; all windows, 2nd Floor A, B; all windows – window caulk (6,200 SF)	Up to 2% Tremolite	Non-Friable	Intact, in good condition, accessible	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
170 / 170-145	1930	13,679	Roof A; around vents, broken shingles, Roof B; around vents, broken shingles – black roof sealant (500 SF)	15% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
170 / 170-147	1930	13,679	Roof C; partial roof – black roof sealant (40 SF)	20% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
170 / 170-148	1930	13,679	Roof C; partial roof – gray roof sealant (40 SF)	4% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
170 / 170-149 & 170-150	1930	13,679	Roof C; entire roof – asphalt sheets and tar paper (357 SF)	5% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
170 / 170-151	1930	13,679	Roof E; partial roof – gray roof sealant (100 SF)	10% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
170 / 170-152	1930	13,679	Roof E; partial roof – black roof sealant (45 SF)	10% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
170 / FM-170-01A	1930	13,679	Upper layer tan tile	Tile 5% Chrysotile Mastic 15% Chrysotile	Non-Friable	--	2000	--
170 / FM-170-01B	1930	13,679	Center layer green tile	Tile 12% Chrysotile Mastic 12% Chrysotile	Non-Friable	--	2000	--
170 / FM-170-01C	1930	13,679	Lower layer tan tile	Tile 12% Chrysotile Mastic 10% Chrysotile	Non-Friable	--	2000	--
170 / FM-170-02A	1930	13,679	Upper layer tan tile	Tile 8% Chrysotile Mastic 13% Chrysotile	Non-Friable	--	2000	--
170 / FM-170-02B	1930	13,679	Center layer green tile	Tile 12% Chrysotile Mastic 15% Chrysotile	Non-Friable	--	2000	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
170 / FM-170-02C	1930	13,679	Lower layer tan tile	Tile 8% Chrysotile Mastic 10% Chrysotile	Non-Friable	--	2000	--
171 / MAC00171-02	1889	40,705	1 st Floor, room 103 – pipe insulation (1" x 4')	25% Chrysotile 10% Amosite	Friable	--	1986	--
171 / MAC00171-03	1889	40,705	1 st Floor, room 103, above suspended ceiling – pipe insulation, stub (1½")	25% Chrysotile 10% Amosite	Friable	--	1986	--
171 / MAC00171-05	1889	40,705	1 st Floor, room 128, above suspended ceiling – pipe insulation (1½" x 18", scrap)	73% Chrysotile	Friable	--	1986	--
171 / MAC00171-06	1889	40,705	1 st Floor hallway, overhead – pipe insulation (1½" x 160')	20% Chrysotile 15% Amosite	Friable	--	1986	--
171 / MAC00171-09	1889	40,705	1 st Floor, rooms 113, 114, 115 – pipe insulation (1½" x 36')	73% Chrysotile	Friable	--	1986	--
171 / MAC00171-10	1889	40,705	1 st Floor, room 114 – pipe insulation (1" x 8')	73% Chrysotile	Friable	--	1986	--
171 / MAC00171-13	1889	40,705	1 st Floor hallway, outside room 132 – pipe insulation (1" x 9')	35% Amosite	Friable	--	1986	--
171 / MAC00171-14	1889	40,705	1 st Floor hallway (west end) – pipe insulation (1½" x 10')	20% Chrysotile 15% Amosite	Friable	--	1986	--
171 / MAC00171-15	1889	40,705	2 nd Floor, room 216 – floor tile	5% Chrysotile	Non-Friable	--	1986	--
171 / MAC00171-19	1889	40,705	Attic – duct cover (1' x 1' x 40')	90% Chrysotile	Friable	--	1986	--
171 / MAC00171-21	1889	40,705	North crawl space, debris – discarded pipe insulation	40% Chrysotile	Friable	--	1986	--
171 / MAC00171-22	1889	40,705	South crawl space, debris – discarded pipe insulation	40% Chrysotile	Friable	--	1986	--
171 / MAC00171-23	1889	40,705	Mechanical room – hot water tank insulation (42" x 10')	10% Chrysotile 3% Amosite	Friable	--	1986	--
171 / MAC00171-24	1889	40,705	Mechanical room – pipe insulation (2½" x 90')	40% Chrysotile	Friable	--	1986	--
171 / MAC00171-25	1889	40,705	Mechanical room – pipe insulation (3½" x 20')	40% Chrysotile	Friable	--	1986	--
171 / MAC00171-26	1889	40,705	Mechanical room – converter insulation (1" x 15')	40% Chrysotile	Friable	--	1986	--
171 / MAC00171-27	1889	40,705	Mechanical room – pipe insulation (4" x 40')	65% Chrysotile 5% Amosite	Friable	--	1986	--
171 / MAC00171-28	1889	40,705	Mechanical room – pipe insulation (2" x 30')	72% Chrysotile 3% Amosite	Friable	--	1986	--
171 / MAC00171-29	1889	40,705	Mechanical room – pipe insulation (2" x 40')	75% Chrysotile	Friable	--	1986	--
171 / MAC00171-30	1889	40,705	Mechanical room – pipe insulation (1½" x 10')	45% Chrysotile 35% Amosite	Friable	--	1986	--
171 / MAC00171-31	1889	40,705	Hallway at lab, 1 st Floor – pipe insulation (1" x	35% Amosite	Friable	--	1986	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
			40')					
171 / MAC00171-32	1889	40,705	Hallway at lab, 1st Floor – pipe insulation (1½" x 40')	30% Amosite	Friable	--	1986	--
171 / MAC00171-33	1889	40,705	Porch (south) – 1½" pipe insulation, stubs (2)	40% Chrysotile	Friable	--	1986	--
171 / 171-1, 171-2 & 171-3	1889	40,705	1st Floor; bath #1, laboratory #1, storage #1, office #1, open office #1 – 9" x 9" green floor tile and adhesive (725 SF)	3-4% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-4, 171-5, 171-6 & 171-7	1889	40,705	1st Floor; sublayer, reception/waiting #1, hall #1, #3, office #5, #6, #7, waiting #3, exam #5, #6, #7, #8, break room #1 – 9" x 9" mint green floor tile and adhesive (2,350 SF)	Up to 9% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-10, 171-11 & 171-12	1889	40,705	1st Floor; bath #1, laboratory #1, storage #1, open office #1, 2nd Floor; mid stairway landing, hall #1, #3, #8, waiting #1, bath #1, storage #1, office #1, #2, #3, #4, laboratory #1, #2 - 12" x 12" Grey with white and brown spots floor tile and adhesive (2,615 SF)	Up to 15% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-28 & 171-29	1889	40,705	1st Floor; waiting #1, hall 10, office #8, exam #11 - 9" x 9" Reddish brown floor tile and adhesive (1,885 SF)	2-3% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-30	1889	40,705	1 st Floor; waiting #1 – White leveling compound (200 SF)	3% Chrysotile	Non-Friable	Intact, in good condition, inaccessible	1995	--
171 / 171-80, 171-81 & 171-82	1889	40,705	1st Floor; exam #11, #12, testing #1, hall #9 - Brown honeycomb linoleum (1,920 SF)	15-20% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-89, 171-90 & 171-91	1889	40,705	2nd Floor; hall #4, #5, conference #1 - 9" x 9" Brown floor tile and adhesive (1,435 SF)	40-50% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-105	1889	40,705	Crawlspace; hatch near basement #1 – pipe insulation (25 LF)	30% Chrysotile	Friable	Intact, in good condition, limited accessibility	1995	--
171 / 171-108 & 171-110	1889	40,705	Basement #2; storage #1, hall #1 (partial) - 9" x 9" Brown floor tile and adhesive (300 SF)	2-3% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
171 / 171-120 & 171-121	1889	40,705	Roof #1; around vents and seams, Roof #9; along east seam, Roof #10; along north seam – black roof sealant (120 LF)	Up to 5% Chrysotile	Non-Friable	Intact, in good condition, limited	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
						accessibility		
171 / 171-122 & 171-123	1889	40,705	Roof #1; along south and east seams, Roof #8; along south seam – gray roof sealant (50 LF)	8-10% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
171 / 171-132	1889	40,705	Roof #6: along north seam – black roof sealant (8 LF)	5% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
171 / 171-136	1889	40,705	Roof #5; along north seam – black roof sealant (16 LF)	8% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
171 / 171-137	1889	40,705	Roof #4; entire roof – asphalt sheets and tar paper (50 SF)	25% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
171 / Assumed ³²	1889	40,705	Crawlspace; beneath hall #5, #6 – 8” pipe insulation	Assumed	Friable	Intact, in good condition, limited accessibility	1995	--
171 / Assumed ⁴	1889	40,705	Crawlspace; beneath hall #5, #6 – 4” pipe insulation	Assumed	Friable	Intact, in good condition, limited accessibility	1995	--
171 / Assumed ⁴	1889	40,705	Crawlspace; beneath break room #1 – 5” pipe insulation	Assumed	Friable	Intact, in good condition, limited accessibility	1995	--
171	1889	40,705	--	--	--	--	--	1988 – Asbestos abatement by HME Construction in Nov/Dec 1988. No other information available.
178 / MAC00178-01	1943	8,339	Air handling room – cementitious fiberboard (50 SF)	85% Chrysotile	Friable	--	1986	--

³² This thermal system insulation was visible in the crawlspace area; however, the material was not accessible and not able to be sampled.

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
179 / MAC00179-01	1973	5,430	Crawl space – debris (2,400 SF)	80% Chrysotile	Friable	--	1986	--
179 / MAC00179-02	1973	5,430	Attic – cementitious fiberboard flue (24 SF)	85% Chrysotile	Non-Friable	--	1986	--
180 / MAC00180-01	1944	10,488	Air handling room – pipe insulation (2½” x 30’)	15% Chrysotile	Friable	--	1986	--
180	1944	10,488	--	--	--	--	--	1988 – HME Construction manifested 40 yds to Donzi Lane Landfill, Atlanta, GA.
181 / MAC00181-01	1893	36,887	Air handler room - debris	3% Chrysotile	Friable	--	1986	--
183 / MAC00183-01	1939	6,372	Boiler room (300 SF)	65% Chrysotile 5% Crocidolite	Friable	--	1986	--
183 / MAC00183-05	1939	6,372	Attic – pipe insulation (2” x 10’)	40% Chrysotile	Friable	--	1986	--
183 / MAC00183-06	1939	6,372	Attic – pipe insulation (4” x 135’)	45% Chrysotile	Friable	--	1986	--
183 / MAC00183-07	1939	6,372	Attic & 2 nd Fl – pipe insulation (2” x 58’)	40% Chrysotile	Friable	--	1986	--
183 / MAC00183-08	1939	6,372	2 nd floor – pipe insulation (2” x 10’)	40% Chrysotile 5% Crocidolite	Friable	--	1986	--
183 / MAC00183-09	1939	6,372	Proj room – ceiling tile (144 SF)	2% Chrysotile	Friable	--	1986	--
183 / MAC00183-10	1939	6,372	Lobby, left – spray applied ceiling plaster (total 360 SF / samples MAC00183-10, -11 & -12)	10% Chrysotile	Friable	--	1986	--
183 / MAC00183-11	1939	6,372	Lobby, right – spray applied ceiling plaster (total 360 SF / samples MAC00183-10, -11 & -12)	10% Chrysotile	Friable	--	1986	--
183 / MAC00183-12	1939	6,372	Lobby, center – spray applied ceiling plaster (total 360 SF / samples MAC00183-10, -11 & -12)	10% Chrysotile	Friable	--	1986	--
183 / MAC00183-14	1939	6,372	Lobby, above susp ceil – ceiling plaster (320 SF)	10% Chrysotile	Friable	--	1986	--
184 / MAC00184-01	1904	42,448	Boiler room – fibrous tape (20’)	40% Chrysotile	Friable	--	1986	--
184 / MAC00184-03	1904	42,448	1 st Floor – pipe insulation (1½” x 12’ along inside walls)	60% Chrysotile 5% Amosite	Friable	--	1986	--
184 / MAC00184-05	1904	42,448	Basement, sauna – pipe insulation (1½” x 12’)	45% Chrysotile 25% Amosite	Friable	--	1986	--
184 / MAC00184-06	1904	42,448	Basement, sauna – pipe insulation (1½” x 5’)	25% Chrysotile 45% Amosite	Friable	--	1986	--
184 / MAC00184-08	1904	42,448	1 st Floor, conf. room – pipe insulation (1½’ x 8’) approx 2’ above [illegible]	30% Chrysotile 40% Amosite	Friable	--	1986	--
184 / MAC00184-09	1904	42,448	Crawl space – debris (1,500 SF)	40% Chrysotile 20% Amosite	Friable	--	1986	--
184 / #1	1904	42,448	1 st floor west fire wall	10% Chrysotile	NS	--	1993	--
184 / #2	1904	42,448	2 nd floor front middle ceiling	5% Chrysotile	NS	--	1993	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
184 / #4	1904	42,448	2 nd floor ceiling, NW corner	8% Chrysotile	NS	--	1993	--
184 / #6	1904	42,448	2 nd floor tile, black, NE corner	4% Chrysotile	NS	--	1993	--
184 / #7	1904	42,448	2 nd floor ceiling, NE corner	5% Chrysotile	NS	--	1993	--
184 / #8	1904	42,448	Basement, mechanical room	10% Chrysotile	NS	--	1993	--
184 / #10	1904	42,448	2 nd Floor, rm 28 ceiling	8% Chrysotile	NS	--	1993	--
184 / #11	1904	42,448	Center firewall, front of building	8% Chrysotile	NS	--	1993	--
184 / #12	1904	42,448	1 st floor middle west, front of	10% Chrysotile	NS	--	1993	--
184 / #13	1904	42,448	Womens rest room, green tile	2% Chrysotile	Non-Friable	--	1993	--
184 / #15	1904	42,448	1 st floor wall, NW corner	8% Chrysotile	NS	--	1993	--
184 / FM184-01	1904	42,448	[illegible] wall plaster	3% Chrysotile	NS	--	1993	--
184 / FM184-02	1904	42,448	[illegible] wall plaster	3% Chrysotile	NS	--	1993	--
184 / FM184-03	1904	42,448	[illegible] wall plaster	5% Chrysotile	NS	--	1993	--
205 / MAC00205-01	1945	16,528	Above susp ceil – pipe joints (50)	5% Chrysotile	Friable	--	1986	--
205 / MAC00205-07	1945	16,528	Entrance – fibrous shingles (1,100 SF)	10% Chrysotile	Friable	--	1986	--
205 / 205-1-11	1945	16,528	Room 143 floor – floor leveling compound & mastic (total flooring mastic: 12,090 SF)	Mastic 2% Chrysotile	Non-Friable	Good	2002	--
205 / 205-1-13	1945	16,528	Room 123 floor – floor tile & mastic (total flooring mastic: 12,090 SF)	Mastic 4% Chrysotile	Non-Friable	Good	2002	--
205 / 205-1-16	1945	16,528	Room 123 floor under sample 205-1-13 – sheet vinyl flooring & mastic (total flooring mastic: 12,090 SF)	2% Chrysotile	Non-Friable	Good	2002	--
205 / 205-1-25	1945	16,528	TV station control room floor – floor tile & mastic (total flooring mastic: 12,090 SF)	Mastic 3% Chrysotile	Non-Friable	Good	2002	--
205 / 205-1-29	1945	16,528	Room 113 floor – sheet vinyl flooring & mastic (total flooring mastic: 12,090 SF)	Mastic 6% Chrysotile	Non-Friable	Good	2002	--
205 / 205-1-30	1945	16,528	Room 114 floor – sheet vinyl flooring & mastic (total flooring mastic: 12,090 SF)	Mastic 8% Chrysotile	Non-Friable	Good	2002	--
205 / 205-R-37	1945	16,528	Roof of TV station – roofing cement (100 SF total)	7% Chrysotile	Non-Friable	Good	2002	--
205 / 205-R-38	1945	16,528	Roof of main building – roofing cement (100 SF total)	7% Chrysotile	Non-Friable	Good	2002	--
205 / 205-R-39	1945	16,528	Roof of main building – felt paper (5 SF)	5% Chrysotile	Non-Friable	Good	2002	--
205	1945	16,528	--	--	--	--	--	1988 – HME Construction Company manifested 40 CY to Donzi Lane Landfill, Atlanta, GA.
205	1945	16,528	--	--	--	--	--	1989 – HME

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
								Construction Company removed 48,000 SF of ACM. Manifested 40 yds to Live Oak Landfill, Conley, GA.
205 / MAC 00205-01	1945	16,528	Office area – Pipe joints above suspended ceiling (50)	5% Chrysotile	Friable	--	1986	--
205 / MAC 00205-07	1945	16,528	Entrance ext – fibrous shingles	10% Chrysotile	Friable	--	1986	--
205 / 205-1-11	1945	16,528	Room 143 floor – mastic (12,900 SF – total of samples 11, 13, 16, 25, 29 & 30)	2% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-1-13	1945	16,528	Room 123 floor – mastic (12,900 SF – total of samples 11, 13, 16, 25, 29 & 30)	4% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-1-16	1945	16,528	Room 123 floor under sample 205-1-13 – sheet vinyl flooring and mastic (12,900 SF – total of samples 11, 13, 16, 25, 29 & 30)	2% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-1-25	1945	16,528	TV station control room floor – mastic (12,900 SF – total of samples 11, 13, 16, 25, 29 & 30)	3% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-1-29	1945	16,528	Room 113 floor – mastic (12,900 SF – total of samples 11, 13, 16, 25, 29 & 30)	6% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-1-30	1945	16,528	Room 114 floor – mastic (12,900 SF – total of samples 11, 13, 16, 25, 29 & 30)	8% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-R-37	1945	16,528	Roof of TV station – roofing cement (100 SF – total of samples 38 & 39)	7% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-R-38	1945	16,528	Roof of main building – roofing cement (100 SF – total of samples 38 & 39)	7% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205 / 205-R-39	1945	16,528	Roof of main building – felt paper (5 SF)	5% Chrysotile	Non-Friable	Good, low disturbance potential	2002	--
205	1945	16,528	--	--	--	--	--	1989 – 48,000 SF floor tile and mastic removed. Manifested

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
								to Live Oak Landfill, Conley, GA (HME, undated)
326 / MAC00326-05	1939	3,600	Basement – pipe insulation (2" x 220')	35% Amosite	Friable	--	1986	--
348 / MAC00348-02	1987	2,330	Attic – gray fibrous batts, loose (6)	25% Chrysotile 10% Amosite	Friable	--	1986 ³³	--
348 / MAC00348-04	1987	2,330	Air handling unit – Fibrous vibration dampener (3 SF)	60% Chrysotile	Friable	--	1986 ⁵	--
363 / MAC00383-01	1918	152,385	Paint shop – pipe insulation (1½" x 96')	20% Chrysotile 10% Crocidolite	Friable	--	1986	--
363 / MAC00383-02	1918	152,385	Paint shop atop office area – pipe joints (7)	10% Chrysotile	Friable	--	1986	--
363 / MAC00383-03	1918	152,385	Paint shop – pipe insulation (3" x 144')	20% Chrysotile 10% Amosite	Friable	--	1986	--
363 / MAC00383-04	1918	152,385	Paint shop – pipe insulation (4" x 144')	35% Chrysotile	Friable	--	1986	--
363 / MAC00383-05	1918	152,385	Paint shop – fiberboard (4' x 12')	15% Chrysotile	Friable	--	1986	--
363 / MAC00383-06	1918	152,385	Paint shop – joints, overhead heaters	30% Chrysotile	Friable	--	1986	--
363 / MAC00383-07	1918	152,385	Motor pool – pipe insulation (4" x 400')	15% Chrysotile 25% Crocidolite	Friable	--	1986	--
363 / MAC00383-08	1918	152,385	Motor pool – pipe insulation, stubs, etc (2" x 40')	35% Chrysotile 5% Crocidolite	Friable	--	1986	--
363 / MAC00383-09	1918	152,385	Pack & crate – pipe insulation (1½" x 40')	5% Chrysotile 40% Amosite	Friable	--	1986	--
363 / MAC00383-15	1918	152,385	Boiler room – pipe insulation (4" x 30')	30% Chrysotile	Friable	--	1986	--
363 / MAC00383-16	1918	152,385	Boiler room – pipe insulation (6" x 48')	35% Amosite	Friable	--	1986	--
363 / MAC00383-17	1918	152,385	Boiler room – header insul (8" x 20')	15% Chrysotile	Friable	--	1986	--
363 / MAC00383-18	1918	152,385	Boiler room (platform) – pipe insulation (4" x 36')	25% Chrysotile	Friable	--	1986	--
363 / MAC00383-19	1918	152,385	Boiler room (platform) – pipe insulation (3" x 56')	10% Chrysotile	Friable	--	1986	--
363 / FM-363-01 (sampled 1-4-2000)	1918	152,385	Tile and mastic	Tile 2% Chrysotile Black mastic 5% Chrysotile	Non-Friable	--	2000	--
363 / FM-363-01 (sampled 5-17-2000)	1918	152,385	Window glazing	3% Chrysotile	Non-Friable	--	2000	--
363 / FM-363-02	1918	152,385	Window glazing	4% Chrysotile	Non-Friable	--	2000	--

³³ Discrepancy noted between date of building construction and date of asbestos survey for Building 348. Building 348 appears to be in the same location on 1988 and current installation maps.

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
363 / FM363-01TILE	1918	152,385	[Not identified]	5% Chrysotile	Non-Friable	--	2005	--
363/FM363-1MASTIC	1918	152,385	[Not identified]	15% Chrysotile	Non-Friable	--	2005	--
401 / MAC00401-01	1908	9,315	Boiler room – pipe insulation (1” x 40’)	50% Amosite	Friable	--	1986	--
401 / MAC00401-02	1908	9,315	Boiler room, exhaust vent - insulation (28 SF)	50% Chrysotile	Friable	--	1986	--
401 / MAC00401-03	1908	9,315	Boiler room - surge tank (27 SF)	30% Chrysotile	Friable	--	1986	--
401 / MAC00401-04	1908	9,315	Boiler room, small exhaust vent - insulation (48 SF)	35% Chrysotile 35% Amosite	Friable	--	1986	--
401 / FM401-3	1908	9,315	12” x 12” tiles and mastic	Tile 3% Chrysotile Black mastic 5% Chrysotile	Non-Friable	--	1996	--
401 / FM401-5	1908	9,315	9” x 9” tiles	Tile 5% Chrysotile Black mastic 12% Chrysotile	Non-Friable	--	1996	--
401 / FM401-7	1908	9,315	Mastic	4% Chrysotile	Non-Friable	--	1996	--
403 [and 735]	1959	180	--	--	--	--	--	1989 – HME Construction Company removed 300 LF & 200 SF ACM from Bldgs 403 & 735. Manifested to Donzi Lane Landfill, Atlanta, GA.
422 / MAC00422-02	1943	10,626	Boiler room – pipe insulation (6” x 10’)	30% Amosite	Friable	--	1986	--
422 / MAC00422-03	1943	10,626	Boiler room, behind right wall – fiberboard (90 SF)	40% Chrysotile	Non-Friable	--	1986	--
422 / 422-6, 422-7 & 422-8	1943	10,626	2nd Floor; equipment room, bottom half of wall at stairs, in stairwell (may exist elsewhere) – cementitious wallboard (800 SF)	40% Chrysotile	Non-Friable	Intact, in fair condition, accessible	1995	--
422 / 422-9 & 422-10	1943	10,626	2nd Floor; equipment room - 12" x 12" floor tile and adhesive (300 SF)	5-10% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--
422 / 422-20 & 422-21	1943	10,626	1st Floor; mechanical room over furnace – 10” elbows TSI (20 FTGS)	80% Chrysotile	Friable	--	1995	--
422 / 422-22	1943	10,626	1st Floor; mechanical room over boiler – 10” TSI straight run (10 LF)	20% Amosite	Friable	--	1995	--
422 / 422-23, 422-24, 422-26	1943	10,626	1st Floor; mechanical room - white putty on pipe ends (30 FTGS)	8-80% Chrysotile	Non-Friable	Intact, in good condition, accessible	1995	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
422 / 422-35 & 422-36	1943	10,626	Roof; around vents on south roof, also spot Sealant – grey roof sealant (80 LF)	20% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
422 / 422-39 & 422-40	1943	10,626	Roof; south roof (over women's locker room, and mechanical room) – black roof sealant (50 SF)	10% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
422 / 422-43 & 422-44	1943	10,626	Roof; perimeter of new addition roof – paper flashing with cloth and tar (1,762 SF)	10% Chrysotile	Non-Friable	Intact, in good condition, limited accessibility	1995	--
506A / 506A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	20% Chrysotile 15% Crocidolite	Friable	--	1986	--
506B / 506B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	20% Chrysotile 20% Crocidolite	Friable	--	1986	--
507A / 507A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	90% Chrysotile	Friable	--	1986	--
507B / 507B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	85% Chrysotile	Friable	--	1986	--
508A / 508A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	5% Chrysotile 10% Amosite	Friable	--	1986	--
508A / 508A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	3% Chrysotile 15% Amosite	Friable	--	1986	--
508A / 508A-03	1947	5,643	Basement – surge tank insulation (10 SF)	50% Chrysotile	Friable	--	1986	--
508B / 508B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	5% Chrysotile 10% Amosite	Friable	--	1986	--
509A / 509A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	85% Chrysotile	Friable	--	1986	--
509A / 509A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	90% Chrysotile	Friable	--	1986	--
509B / 509B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	25% Chrysotile	Friable	--	1986	--
510A / 510A-07	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	40% Chrysotile	Friable	--	1986	--
510B / 510B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	70% Chrysotile	Friable	--	1986	--
512 / MAC00512-02	1935	1,636	Air handling room – vibr dampener	40% Chrysotile	Friable	--	1986	--
512 / MAC00512-03	1935	1,636	Crawl space – 1½” x 4’ risers (5)	35% Chrysotile	Friable	--	1986	--
512 / MAC00512-04	1935	1,636	Crawl space – PI debris (1,400 SF)	40% Chrysotile	Friable	--	1986	--
515A / 515A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	85% Chrysotile 3% Crocidolite	Friable	--	1986	--
515B / 515B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	78% Chrysotile	Friable	--	1986	--
522 / MAC00522-01	1905	7,584	Crawl space – pipe insulation, abandoned (1” x 20’)	35% Chrysotile	Friable	--	1986	--

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
522 / MAC00522-03	1905	7,584	Storage, bsmt – debris, crawl sp. (900 SF)	35% Chrysotile	Friable	--	1986	--
523A / 523A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	30% Chrysotile	Friable	--	1986	--
523A / 523A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	35% Chrysotile	Friable	--	1986	--
523B / 523B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	45% Chrysotile	Friable	--	1986	--
524A / 524A-01	1947	5,643	Basement – surge tank insulation (10SF)	30% Chrysotile	Friable	--	1986	--
524A / 524A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	35% Chrysotile	Friable	--	1986	--
524B / 524B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	50% Chrysotile	Friable	--	1986	--
526A / 526A-01	1947	2,822	Basement – riser insulation (11 – 1 in x 8 ft)	20% Chrysotile	Friable	--	1986	--
526B / 526B-01	1947	2,822	Basement – riser insulation (11 – 1 in x 8 ft)	40% Chrysotile	Friable	--	1986	--
527A / 527A-01	1947	5,643	Basement – surge tank insulation (10 SF)	30% Chrysotile	Friable	--	1986	--
527A / 527A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	20% Chrysotile	Friable	--	1986	--
527B / 527B-01	1947	5,643	Basement – surge tank insulation (10 SF)	25% Chrysotile	Friable	--	1986	--
527B / 527B-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	30% Chrysotile	Friable	--	1986	--
528A / 528A-01	1947	5,643	Basement – surge tank insulation (10 SF)	10% Chrysotile	Friable	--	1986	--
528A / 528A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	45% Chrysotile	Friable	--	1986	--
528B / 528B-01	1947	5,643	Basement – surge tank insulation (10 SF)	10% Chrysotile	Friable	--	1986	--
528B / 528B-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	45% Chrysotile	Friable	--	1986	--
532 / No sample number	1887	1,986	Siding – fibrous shingles (250 SF) ³⁴	Not sampled	--	--	1986	--
533A / 533A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	20% Chrysotile 15% Crocidolite	Friable	---	1986	--
533B / 533B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	25% Chrysotile	Friable	---	1986	--
534A / 534A-01	1947	5,643	Basement – surge tank insulation (10 SF)	85% Chrysotile	Friable	--	1986	--
534A / 534A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	90% Chrysotile	Friable	--	1986	--
534B / 534B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	90% Chrysotile	Friable	--	1986	--
534B / 534B-02	1947	5,643	Basement – surge tank insulation (10 SF)	89% Chrysotile	Friable	--	1986	--
535A / 535A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	80% Chrysotile	Friable	--	1986	--
535A / 535A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	92% Chrysotile	Friable	--	1986	--
535B / 535B-01	1947	5,643	Basement – surge tank insulation (10 SF)	65% Chrysotile	Friable	--	1986	--
535B / 535B-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	60% Chrysotile	Friable	--	1986	--
536A / 536A-01	1947	5,643	Basement – surge tank insulation (10 SF)	20% Chrysotile	Friable	--	1986	--
536A / 536A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	65% Chrysotile	Friable	--	1986	--
536B / 536B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	30% Chrysotile	Friable	--	1986	--
536B / 536B-02	1947	5,643	Basement – surge tank insulation (10 SF)	35% Chrysotile	Friable	--	1986	--

³⁴ Siding judged to be standard ACM shingles (40% Chrysotile).

TABLE 4 – ASBESTOS-CONTAINING MATERIAL (CONTINUED)

Building Number/Sample Number	Year Built	Area (Square Feet)	Location / Material Description	Analytical Result	Asbestos Friable/ Non-Friable	Condition	Survey Date	Asbestos Abatement Date/ Description
537A / 537A-01	1947	5,643	Basement – surge tank insulation (10 SF)	40% Chrysotile	Friable	--	1986	--
537A / 537A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	30% Chrysotile	Friable	--	1986	--
537B / 537B-01	1947	5,643	Basement – surge tank insulation (10 SF)	30% Chrysotile	Friable	--	1986	--
537B / 537B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	40% Chrysotile	Friable	--	1986	--
538A / 538A-01	1947	5,643	Basement – surge tank insulation (10 SF)	25% Chrysotile	Friable	--	1986	--
538A / 538A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	30% Chrysotile	Friable	--	1986	--
538B / 538B-01	1947	5,643	Basement – surge tank insulation (10 SF)	60% Chrysotile	Friable	--	1986	--
538B / 538B-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	50% Chrysotile	Friable	--	1986	--
601A / 601A-01	1947	5,643	Basement – surge tank insulation (10 SF)	35% Chrysotile	Friable	--	1986	--
601A / 601A-02	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	30% Chrysotile	Friable	--	1986	--
601B / 601B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	20% Chrysotile	Friable	--	1986	--
601B / 601B-01	1947	5,643	Basement – surge tank insulation (10 SF)	25% Chrysotile	Friable	--	1986	--
602A / 602A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	35% Chrysotile	Friable	--	1986	--
602B / 602B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	35% Chrysotile	Friable	--	1986	--
603A / 603A-01	1948	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	60% Chrysotile	Friable	--	1986	--
603B / 603B-01	1948	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	70% Chrysotile	Friable	--	1986	--
604A / 604A-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	40% Chrysotile	Friable	--	1986	--
604B / 604B-01	1947	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	65% Chrysotile	Friable	--	1986	--
605A / 605A-01	1948	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	45% Chrysotile	Friable	--	1986	--
605B / 605B-01	1948	5,643	Basement – riser insulation (11 – 1 in x 8 ft)	45% Chrysotile	Friable	--	1986	--

The 1986 survey report qualified its findings by stating that since the contractor was directed to concentrate on friable materials, many of the buildings surveyed contained asbestos in the form of vinyl asbestos floor tile, transite flues and exterior siding. The report further qualified that every building should be considered to contain vinyl asbestos floor tile (Hazardous Materials Engineering, 1986).

CF cubic foot LF linear foot YD yard
 CY cubic yard NS not specified SF square foot
 FTGS fittings

ENCLOSURE 8

TABLE 5 – LEAD BASED PAINT

Building Number / Description	Year Built	Survey Date	Result/Lead Concentration (µg/ft ²)	Sample Location
1 / Family Housing 1E	1889	December 2002	300	Dining room floor, NW corner
1 / Family Housing 1W	1889	December 2002	BRL	N/A
2 / Family Housing Qtrs 2E	1889	August 1994	Positive	Throughout, except cabinet
2 / Family Housing Qtrs 2E	1889	December 2002	72	Living room floor, at pocket doors
2 / Family Housing Qtrs 2W	1889	December 2002	300	Living room floor, by fireplace mantel
3 / Family Housing Qtrs 3E	1889	August 1994	Positive	Throughout
3 / Family Housing Qtrs 3W	1889	August 1994	Positive	Throughout
3 / Family Housing Qtrs 3E	1889	December 2002	BRL	N/A
3 / Family Housing Qtrs 3W	1889	December 2002	BRL	N/A
4 / Family Housing Qtrs 4E	1889	August 1994	Positive	Throughout, except walls and ceilings
4 / Family Housing Qtrs 4W	1889	August 1994	Positive	Throughout, except ceilings and cabinets
4 / Family Housing Qtrs 4E	1889	December 2002	BRL	N/A
4 / Family Housing Qtrs 4W	1889	December 2002	62	Dining room floor, under E window, S end
5 / Family Housing Qtrs 5	1891	December 2002	BRL	N/A
6 / Family Housing Qtrs 6B	1889	August 1994	Positive	Throughout, except screen enclosure, ceilings and cabinets
6 / Family Housing Unit 6A	1889	December 2002	47	Kitchen floor, at exit door
			64	Bedroom 1 floor, at entry door
7 / Family Housing Qtrs 7A	1889	August 1994	Positive	Throughout
7 / Family Housing Qtrs 7B	1889	August 1994	Positive	Throughout, except cabinet
8 / Family Housing Qtrs 8E	1889	August 1994	Positive	Throughout, except ceilings and cabinet
8 / Family Housing Qtrs 8W	1889	August 1994	Positive	Throughout, except cabinet
11 / Family Housing Qtrs 11E	1891	August 1994	Positive	Throughout, except porch floor
11 / Family Housing Qtrs 11W	1891	August 1994	Positive	Throughout
12 / Family Housing Qtrs 12W	1891	August 1994	Positive	Throughout, except porch floor and cabinet
13 / Family Housing Qtrs 13E	1891	August 1994	Positive	Throughout
13 / Family Housing Qtrs 13W	1891	August 1994	Positive	Throughout, except hand rail
14 / Family Housing Qtrs 14E	1891	August 1994	Positive	Throughout, except cabinet
15 / Family Housing Qtrs 15E	1904	August 1994	Positive	Throughout, except walls, hand rail, and rail post
19 / Family Housing Qtrs 19E	1892	August 1994	Positive	Throughout
19 / Family Housing Qtrs 19W	1892	August 1994	Positive	Throughout
40 / Pershing Hall – BOQ 13 Apts	1904	April 1997	Positive	Throughout, except floors and sheetrock/concrete walls

TABLE 5 – LEAD BASED PAINT (CONTINUED)

Building Number / Description	Year Built	Survey Date	Result/Lead Concentration ($\mu\text{g}/\text{ft}^2$)	Sample Location
522 / Lee Hall/VIP Qtrs	1905	August 1994	Positive	Throughout, except porch rail, walls, and shelf

ENCLOSURE 9

TABLE 6 – NOTIFICATION OF MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)*

Munitions Response Site	Type of Military Munitions	Date of Military Munitions Use	Munitions Response Actions
Atlanta NG Target Range, FTMP-002-R-01	Artillery	1914 – 1918	None
Munitions Site	Discarded military munitions – Two WWI unexpended artillery rounds	1985, 1989	The Explosive Ordnance Division at Fort Gillem was notified and the artillery rounds were disposed of properly.
Magazine Buildings 63, 64, 65 and 66	Small arms, chemical munitions, pyrotechnics, TNT and dynamite	1938 – 1991	None; no releases reported.
<p>*Munitions and Explosives of Concern (MEC). This term, which distinguishes specific categories of military munitions that may pose unique explosives safety risks, means: (A) Unexploded Ordnance (UXO), as defined in 10 §101(e)(5); (B) Discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (C) Munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard.</p>			

ENCLOSURE 10

CERCLA NOTICE, COVENANT, AND ACCESS PROVISIONS **AND OTHER DEED PROVISIONS**

The following CERCLA Notice, Covenant, and Access Provisions, along with the Other Deed Provisions, will be placed in the deed in a substantially similar form to ensure protection of human health and the environment and to preclude any interference with ongoing or completed remediation activities.

1. CERCLA NOTICE

For the property, the Grantor provides the following notice, description, and covenants and retains the following access rights:

A. Pursuant to section 120(h)(3)(A)(i)(I) and (II) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(I) and (II)), available information regarding the type, quantity, and location of hazardous substances and the time at which such substances were stored, released, or disposed of, as defined in section 120(h), is provided in Enclosure 5 (Table 2 – Hazardous Substance, Storage, Release and Disposal), attached hereto and made a part hereof.

B. Pursuant to section 120(h)(3)(A)(i)(III) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. § 9620(h)(3)(A)(i)(III)), a description of the remedial action taken, if any, on the property is provided in Enclosure 5 (Table 2 – Hazardous Substance, Storage, Release and Disposal), attached hereto and made a part hereof.

2. CERCLA COVENANT

Pursuant to section 120(h)(3)(A)(ii) and (B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. §9620(h)(3)(A)(ii) and (B)), the United States warrants that –

A. All remedial action necessary to protect human health and the environment with respect to any hazardous substance identified pursuant to section 120(h)(3)(A)(i)(I) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 remaining on the property has been taken before the date of this deed, and

B. Any additional remedial action found to be necessary after the date of this deed shall be conducted by the United States.

3. RIGHT OF ACCESS

A. The United States retains and reserves a perpetual and assignable easement and right of access on, over, and through the property, to enter upon the property in any case in which an environmental response or corrective action is found to be necessary on the part of the United States, without regard to whether such environmental response or corrective action is on the property or on adjoining or nearby lands. Such easement and right of access includes, without limitation, the right to perform any environmental investigation, survey, monitoring, sampling, testing, drilling, boring, coring, testpitting, installing monitoring or pumping wells or other treatment facilities, response action, corrective action, or any other action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this instrument. Such easement and right of access shall be binding on the grantee and its successors and assigns and shall run with the land.

B. In exercising such easement and right of access, the United States shall provide the grantee or its successors or assigns, as the case may be, with reasonable notice of its intent to enter upon the property and exercise its rights under this clause, which notice may be severely curtailed or even eliminated in emergency situations. The United States shall use reasonable means to avoid and to minimize interference with the grantee's and the grantee's successors' and assigns' quiet enjoyment of the property. At the completion of work, the work site shall be reasonably restored. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the grantee or its successors and assigns, for the exercise of the easement and right of access hereby retained and reserved by the United States.

C. In exercising such easement and right of access, neither the grantee nor its successors and assigns, as the case may be, shall have any claim at law or equity against the United States or any officer, employee, agent, contractor of any tier, or servant of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this clause: Provided, however, that nothing in this paragraph shall be considered as a waiver by the grantee and its successors and assigns of any remedy available to them under the Federal Tort Claims Act.

4. “AS IS”

A. The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property and accepts the condition and state of repair of the subject Property. The Grantee understands and agrees that the Property and any part thereof is offered “AS IS” without any representation, warranty, or guaranty by the Grantor as to quantity, quality, title, character, condition, size, or kind, or that the same is in condition or fit to be used for the purpose(s) intended by the Grantee, and no claim for allowance or deduction upon such grounds will be considered.

B. No warranties, either express or implied, are given with regard to the condition of the Property, including, without limitation, whether the Property does or does not contain asbestos or lead-based paint. The Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any asbestos, lead-based paint, or other conditions on the Property. The failure of the Grantee to inspect or to exercise due diligence to be fully informed as to the condition of all or any portion of the Property offered, will not constitute grounds for any claim or demand against the United States.

C. Nothing in this “As Is” provision will be construed to modify or negate the Grantor’s obligation under the CERCLA Covenant or any other statutory obligations.

5. HOLD HARMLESS

A. To the extent authorized by law, the Grantee, its successors and assigns, covenant and agree to indemnify and hold harmless the Grantor, its officers, agents, and employees from (1) any and all claims, damages, judgments, losses, and costs, including fines and penalties, arising out of the violation of the NOTICES, USE RESTRICTIONS, AND RESTRICTIVE COVENANTS in this Deed by the Grantee, its successors and assigns, and (2) any and all any and all claims, damages, and judgments arising out of, or in any manner predicated upon, exposure to asbestos, lead-based paint, or other condition on any portion of the Property after the date of conveyance.

6. POST-TRANSFER DISCOVERY OF CONTAMINATION

A. If an actual or threatened release of a hazardous substance or petroleum product is discovered on the Property after the date of conveyance, Grantee, its successors or assigns, shall be responsible for such release or newly discovered substance unless Grantee is able to demonstrate that such release or such newly discovered substance was due to Grantor’s activities, use, or ownership of the Property. If the Grantee, its successors or assigns believe the discovered hazardous substance is due to Grantor’s activities, use or ownership of the Property, Grantee will immediately secure the site and notify the Grantor of the existence of the hazardous substances, and Grantee will not further disturb such hazardous substances without the written permission of the Grantor.

B. Grantee, its successors and assigns, as consideration for the conveyance of the Property, agree to release Grantor from any liability or responsibility for any claims arising solely out of the release of any hazardous substance or petroleum product on the Property occurring after the date of the delivery and acceptance of this Deed, where such substance or product was placed on the Property by the Grantee, or its successors, assigns, employees, invitees, agents or contractors, after the conveyance. This paragraph shall not affect the Grantor's responsibilities to conduct response actions or corrective actions that are required by applicable laws, rules and regulations, or the Grantor's indemnification obligations under applicable laws.

7. ENVIRONMENTAL PROTECTION PROVISIONS

The Environmental Protection Provisions are at Enclosure 11, which is attached hereto and made a part hereof. The Grantee shall neither transfer the property, lease the property, nor grant any interest, privilege, or license whatsoever in connection with the property without the inclusion of the Environmental Protection Provisions contained herein, and shall require the inclusion of the Environmental Protection Provisions in all further deeds, easements, transfers, leases, or grant of any interest, privilege, or license.

ENCLOSURE 11

ENVIRONMENTAL PROTECTION PROVISIONS

The following conditions, restrictions, and notifications will be attached, in a substantially similar form, as an exhibit to the deed and be incorporated therein by reference in order to ensure protection of human health and the environment.

1. LAND USE RESTRICTIONS

A. The United States Department of the Army has undertaken careful environmental study of the Property and concluded that the land use restrictions set forth below are required to ensure protection of human health and the environment. The Grantee, its successors or assigns, shall not undertake nor allow any activity on or use of the property that would violate the land use restrictions contained herein.

(1) Groundwater Restriction. Grantee is hereby informed and acknowledges that the groundwater under Property may be affected by groundwater from Fort McPherson Installation Restoration Program (IRP) sites included in the Fort McPherson Finding of Suitability for Early Transfer (FOSET). The Grantee, its successors and assigns, shall not access or use ground water underlying the Property for any purpose without the prior written approval of United States Department of the Army and Georgia Environmental Protection Division. For the purpose of this restriction, "ground water" shall have the same meaning as in section 101(12) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

B. Modifying Restrictions. Nothing contained herein shall preclude the Grantee, its successors or assigns, from undertaking, in accordance with applicable laws and regulations and without any cost to the Grantor, such additional action necessary to allow for other less restrictive use of the Property. Prior to such use of the Property, Grantee shall consult with and obtain the approval of the Grantor, and, as appropriate, the State or Federal regulators, or the local authorities. Upon the Grantee's obtaining the approval of the Grantor and, as appropriate, state or federal regulators, or local authorities, the Grantor agrees to record an amendment hereto. This recordation shall be the responsibility of the Grantee and at no additional cost to the Grantor.

C. Submissions. The Grantee, its successors and assigns, shall submit any requests to modifications to the above restrictions to Grantor and Georgia Environmental Protection Division, by first class mail, postage prepaid, addressed as follows:

Grantor:

William J. O'Donnell, II
Chief, Reserve, Industrial and Medical Branch
Attn: Army Base Realignment and Closure Division (DAIM-OBD)
Office of the Chief of Staff for Installation Management
2530 Crystal Drive (Taylor Building), Room 5000
Arlington, VA 22202-3940

GAEPD:

Judson H. Turner, Director
Environmental Protection Division
Georgia Department of Natural Resources
2 Martin Luther King Jr. Drive
Suite 1152, East Tower
Atlanta, Georgia 30334

2. PESTICIDE NOTIFICATION

A. The Grantee is hereby notified and acknowledges that registered pesticides have been applied to the property conveyed herein and may continue to be present thereon. The Grantor and Grantee know of no use of any registered pesticide in a manner (1) inconsistent with its labeling or with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)(7 U.S.C. §136, et seq.) and other applicable laws and regulations, or (2) not in accordance with its intended purpose.

B. The Grantee covenants and agrees that if the Grantee takes any action with regard to the property, including demolition of structures or any disturbance or removal of soil that may expose, or cause a release of, a threatened release of, or an exposure to, any such pesticide, Grantee assumes all responsibility and liability therefor.

3. NOTICE OF THE PRESENCE OF ASBESTOS AND COVENANT

A. The Grantee is hereby informed and does acknowledge that friable and non-friable asbestos or asbestos containing material "ACM" has been found on the Property. The Property may also contain improvements, such as buildings, facilities, equipment, and pipelines, above and below the ground, that contain friable and non-friable asbestos or ACM. The Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency have determined that unprotected or unregulated exposure to airborne asbestos fibers increases the risk of asbestos-related diseases, including certain cancers that can result in disability or death.

B. The following buildings on the Property have been determined to contain friable asbestos: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 40, 41, 42, 46, 47, 50, 51, 52, 53, 54, 56, 57, 58, 59, 60, 61, 62, 63, 65, 100, 101, 102, 104, 105, 106, 110, 135, 136, 137, 138, 139, 140, 141, 142, 144, 160, 167, 168,

169, 170, 171, 178, 179, 180, 181, 183, 184, 200, 205, 238, 240, 243, 250, 303, 326, 328, 347, 348, 349, 355, 363, 366, 370, 380, 400, 401, 403, 404, 407, 408, 409, 410, 411, 417, 419, 421, 422, 427, 441, 448, 449, 503, 504, 506, 507, 508, 509, 510, 511, 512, 514, 515, 516, 517, 518, 519, 522, 523, 524, 525, 526, 527, 528, 529, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 601, 602, 603, 604, 605 and 608. The Grantee agrees to undertake any and all asbestos abatement or remediation in the aforementioned buildings that may be required under applicable law or regulation at no expense to the Grantor. The Grantor has agreed to transfer said buildings to the Grantee, prior to remediation or abatement of asbestos hazards, in reliance upon the Grantee's express representation and covenant to perform the required asbestos abatement or remediation of these buildings.

C. The Grantee covenants and agrees that its use and occupancy of the Property will be in compliance with all applicable laws relating to asbestos. The Grantee agrees to be responsible for any future remediation or abatement of asbestos found to be necessary on the Property to include ACM in or on buried pipelines that may be required under applicable law or regulation.

D. The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property as to its asbestos and ACM condition and any hazardous or environmental conditions relating thereto. The Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any asbestos or ACM hazards or concerns.

4. NOTICE OF THE PRESENCE OF LEAD-BASED PAINT (LBP) AND COVENANT AGAINST THE USE OF THE PROPERTY FOR RESIDENTIAL PURPOSE

A. The Grantee is hereby informed and does acknowledge that all buildings on the Property, which were constructed or rehabilitated prior to 1978, are presumed to contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Every purchaser of any interest in Residential Real Property on which a residential dwelling was built prior to 1978 is notified that there is a risk of exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning.

B. The Grantee covenants and agrees that it shall not permit the occupancy or use of any buildings or structures on the Property as Residential Property, as defined under 24 Code of Federal Regulations (CFR) Part 35, without complying with this section and all applicable federal, state, and local laws and regulations pertaining to lead-based paint and/or lead-based paint hazards. Prior to permitting the occupancy of the Property where its use subsequent to sale is intended for residential habitation, the Grantee specifically agrees to perform, at its sole expense, the Army's abatement requirements under Title X of the Housing and Community Development Act of 1992 (Residential Lead-Based Paint Hazard Reduction Act of 1992).

C. The Grantee acknowledges that it has inspected or has had the opportunity to inspect the Property as to its lead-based paint content and condition and any hazardous or

environmental conditions relating thereto. The Grantee shall be deemed to have relied solely on its own judgment in assessing the overall condition of all or any portion of the Property, including, without limitation, any lead-based paint hazards or concerns.

5. NOTICE OF THE POTENTIAL PRESENCE OF MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

A. The Grantee is hereby notified that due to the former use of the Property as a military installation, the Property may contain munitions and explosives of concern (MEC). The term MEC means specific categories of military munitions that may pose unique explosives safety risks and includes: (1) Unexploded Ordnance (UXO), as defined in 10 U.S.C. §101(e)(5); (2) Discarded military munitions (DMM), as defined in 10 U.S.C. §2710(e)(2); or (3) Munitions constituents (e.g., TNT, RDX), as defined in 10 U.S.C. §2710(e)(3), present in high enough concentrations to pose an explosive hazard.)

B. The Property was previously reportedly used for artillery and small arms training, munitions storage, and burial of two unexpended artillery shells. The shells were 2 inches in diameter and 16 inches in length. The shells were found in 1985 and 1989, respectively, and were properly disposed of by the Fort Gillem EOD. A summary of MEC discovered on the Property is provided in Enclosure 9 (Table 6 – Notification of Munitions and Explosives of Concern (MEC)).

C. The Grantor represents that, to the best of its knowledge, no MEC is currently present on the Property. Notwithstanding the Grantor's determination, the parties acknowledge that there is a possibility that MEC may exist on the Property. If the Grantee, any subsequent owner, or any other person should find any MEC on the Property, they shall immediately stop any intrusive or ground-disturbing work in the area or in any adjacent areas and shall not attempt to disturb, remove or destroy it, but shall immediately notify the Local Police Department so that appropriate explosive ordnance disposal personnel can be dispatched to address such MEC as required under applicable law and regulations.

D. Easement and Access Rights.

(1) The Grantor reserves a perpetual and assignable right of access on, over, and through the Property, to access and enter upon the Property in any case in which a munitions response action is found to be necessary, or such access and entrance is necessary to carry out a munitions response action on adjoining property. Such easement and right of access includes, without limitation, the right to perform any additional investigation, sampling, testing, test-pitting, surface and subsurface clearance operations, or any other munitions response action necessary for the United States to meet its responsibilities under applicable laws and as provided for in this Deed. This right of access shall be binding on the Grantee, its successors and assigns, and shall run with the land.

(2) In exercising this easement and right of access, the Grantor shall give the Grantee or the then record owner, reasonable notice of the intent to enter on the Property, except in emergency situations. Grantor shall use reasonable means, without significant additional cost

to the Grantor, to avoid and/or minimize interference with the Grantee's and the Grantee's successors' and assigns' quiet enjoyment of the Property. Such easement and right of access includes the right to obtain and use utility services, including water, gas, electricity, sewer, and communications services available on the Property at a reasonable charge to the United States. Excluding the reasonable charges for such utility services, no fee, charge, or compensation will be due the grantee nor its successors and assigns, for the exercise of the easement and right of access hereby retained and reserved by the United States.

(3) In exercising this easement and right of access, neither the Grantee nor its successors and assigns, as the case may be, shall have any claim at law or equity against the United States or any officer, employee, agent, contractor of any tier, or servant of the United States based on actions taken by the United States or its officers, employees, agents, contractors of any tier, or servants pursuant to and in accordance with this Paragraph. In addition, the Grantee, its successors and assigns, shall not interfere with any munitions response action conducted by the Grantor on the Property.

E. The Grantee acknowledges receipt of Enclosure 9, Table 6 – Notification of Munitions and Explosives of Concern (MEC).

ENCLOSURE 12

RESPONSIVENESS SUMMARY

DRAFT FINDING OF SUITABILITY TO TRANSFER (FOST) FORT MCPHERSON, FULTON COUNTY, GEORGIA, JUNE 2013

ARMY RESPONSES TO GEORGIA ENVIRONMENTAL PROTECTION DIVISION (GAEPD) COMMENTS, JULY 19, 2013

GAEPD Comment 1: *Section 4.10 Other Property Conditions. The first bullet point in this section describes the Atlanta National Guard (NG) Rifle Range. In the 2007 Site Investigation (SI), surface soil samples for Lead were screened at the presumed location of the former backstop for this range. However, based on personnel interviews and extrapolation from historical maps, the natural steep embankment immediately west of the small arms range embankment was the most likely location of the original backstop for the Atlanta NG Rifle Range. In correspondence dated January 10, 2013, EPD recommended that this embankment and the area in front of it (to the north of the embankment) be investigated for Lead. Therefore, this site should be investigated before the conclusion can be made that no impact to the environment has occurred from past operations.*

Army Response: The Army will coordinate with GAEPD to conduct an investigation of the embankment. The contaminant of concern is lead.

GAEPD Comment 2: *Section 4.9 Munitions and Explosives of Concern (MEC). The second bullet point of this section describes the Munitions Site, which is located in the southwest corner of the Atlanta NG Target Area footprint. Two World War I era artillery shells were uncovered near the 17th fairway of the Fort McPherson golf course during the installation of a drainage system and during maintenance operations (one in 1985 and one in 1989) (Malcolm & Pirnie 2002). A 2013 Probability Assessment by the U.S. Army Corps of Engineers (USACE) concluded that the potential of encountering MEC during soil disturbance activities is “extremely low to non-existent”. Please note that a copy of the Probability Assessment has not been provided to EPD for review. Without groundproofing or other investigations, it cannot be ruled out that additional munitions may be buried at the site. Additional munitions could have been transported from other sites and discarded on the installation. Therefore, to assist in ensuring the safety of potential developers/contractors, the FOST should alert that the potential of encountering MEC is “plausible.” Future soil disturbance activities should proceed with extreme caution. Please provide EPD with a copy of the 2013 Probability Assessment.*

Army Response: The Fort McPherson/Gillem BRAC Environmental Coordinator provided a copy of the 2013 Probability Assessment to GAEPD on 26 August 2013. The Environmental Protection Provisions contained in Enclosure 11 of the FOST includes a Notice of the Potential Presence of Munitions and Explosives of Concern (MEC).

GAEPD Comment 3: *Water Tower Site, Installation Restoration Program (IRP) FTMP-15. The water tower site (FTMP-15) is not discussed in the FOST. Initial site characterization*

sampling at this site identified Lead contaminated surface soil and additional site characterization sampling was recommended. Although the footprint of this site is contained within the footprint of the Dry Cleaning Facility (FTMP-13), it is a separate IRP site with different contaminants and should be discussed in Section 5.0. Please include a discussion in the FOST regarding FTMP-15 and include the location of the site on Figure 2.

Army Response: FTMP-15, Water Tower Site is included in the Finding of Suitability for Early Transfer (FOSET) for Fort McPherson and is not part of the property being transferred under this FOST. The site has been listed in Section 5.0.

GAEPD Comment 4: *Pesticide Storage and Mixing. The following comments pertain to historic pesticide storage and/or mixing areas in Buildings 341, 343, 356, 363 (Doors 16 and 18), 454, 456, and 457. To include these areas in the FOST, substantiating data should be provided to demonstrate that there has been no release of hazardous substances due to these activities. If substantiating data is not available, these areas should be investigated to determine if there has been a release. If a release has occurred, that release must be delineated and remedial actions should be completed to address unacceptable risks to human health and the environment. Any area with releases that cannot be remediated prior to the transfer date must be included in the FOSET.*

a. *Building 341 was identified in the Environmental Condition of Property (ECP) Report as a pesticide storage and mixing facility. The text on page 7 of Enclosure 4 states that Building 341 has no known CERCLA concerns and is within a Category 2 area. However, the U.S. Army BRAC 2005 Site Investigation Report for Fort McPherson indicated Arsenic levels in the soil exceeding the background value. Therefore, this confirmed release should be delineated and evaluated to determine if there is an unacceptable risk to human health and the environment. Also, please identify the location of this site on Figure 2.*

Army Response: In a coordinated effort with GAEPD, the Army will conduct limited additional sampling of the area south of Building 341. Figure 2 has been revised to show this area.

b. *Building 343 was identified in the ECP Report as a pesticide storage location with no mixing of pesticides in the building, and was determined to not be an environmental concern. However, we do not have documentation to substantiate the conclusion that there are no environmental concerns at Building 343, nor is there any discussion regarding this building in the FOST. This building should be investigated to determine if a release has occurred as a result of the storage of pesticides. Also, please identify the location of this site on Figure 2.*

Army Response: In a coordinated effort with GAEPD, the Army will conduct limited additional sampling of the former Building 343 area. Figure 2 of the FOST shows only current or existing structures on Fort McPherson. The ECP Report states that Building 343 was demolished in 1984; therefore, it will not be added to Figure 2.

c. *Building 363 was identified in the ECP Report as a pesticide storage and mixing facility, and was reported in the U.S. Army BRAC 2005 Site Investigation Report for Fort McPherson, in*

combination with the Army Parking Lot (FTMP-11), as requiring additional investigation. Section 5.0 of this report has combined Building 363/FTMP-11 with the Building 209/312 Dry Cleaning Facility (FTMP-13) to be transferred under a FOSET. Although the footprints of Building 363/FTMP-11 and FTMP-13 may overlap, they are separate sites with distinct contaminants and potential source areas. Therefore, they should be investigated separately, and discussed separately within the FOSET. Also, please identify the location of these sites on Figure 2.

Army Response: FTMP-11 is no longer an active Installation Restoration Program (IRP) site in the Army Environmental Database-Restoration (AEDB-R) but is included in the expanded footprint of IRP site FTMP-13. Building 363, FTMP-11 and FTMP-13 are discussed separately in the Fort McPherson FOSET and are not included in this FOST. Changes have been made to Figure 2, as requested.

d. Buildings 356 and 456 have been identified as pesticide storage and mixing facilities in the ECP Report and identified in the U.S. Army BRAC 2005 Site Investigation Report for Fort McPherson as requiring additional investigation. However, these two sites are not discussed in the FOST. Therefore, this confirmed release should be delineated and evaluated to determine if there is an unacceptable risk to human health and the environment. Also, please identify the location of these sites on Figure 2.

Army Response: The area where Building 356 was located has been identified as a recognized environmental condition (REC) and a site investigation will be performed. This site has been added to AEDB-R as FTMP-16 and will be addressed in the FOSET. Figure 2 has been updated to add this site location. Building 456 is discussed in the Army response to Comment 4e.

e. Buildings 454 and 457 were identified on a BRAC Environmental Restoration Sites figure dated April 2010 as locations where pesticide storage and/or mixing may have occurred. The FOST only identifies Building 454 as the former location of a UST and an AST. Building 457 is not discussed in the FOST. These building should be investigated to determine if a release has occurred as a result of the storage/mixing of pesticides. Also, please identify the location of these sites on Figure 2.

Army Response: The U.S. Army Corps of Engineers performed soil sampling at Building 454 (referred to as Pesticide Facility 2) on March 8, 2013. Six soil samples were collected from 0 to 1 foot below ground surface at Building 454 and analyzed for organochlorine pesticides by USEPA Method 8081A. No organochlorine pesticide compounds were detected above residential or industrial Regional Screening Levels for soil. A Human Health Risk Assessment (HHRA) was conducted in conjunction with the sampling effort. The HHRA identified no chemicals of potential concern (COPCs) and concluded that exposure to chemicals at the site does not pose a potential concern for adverse health effects. *See: Draft Fort McPherson Pesticide Facility 1 & Pesticide Facility 2 Confirmatory Sampling Results (USACE, 2013).*

The Army will coordinate with GAEPD to conduct limited additional sampling of former Buildings 456 and 457.

GAEPD Comment 5: Magazine Buildings 51, 63, 64, 65, and 66, the 300-Yard Range, and the Pistol Range. The text in Sections 4.9 and 4.10 states that there is no evidence of a release from the magazine buildings and no MEC is associated with the ranges. However, no documentation (geophysical investigations, soil sampling, etc.) was provided in the document to support the conclusion that the magazines and the 300-Yard Range do not present a risk to human health and the environment.

The Pistol Range was investigated in the U.S. Army BRAC 2005 Site Investigation for Fort McPherson, but the investigation included only surface soils, and not subsurface soils. As the Pistol Range is a historic site (operating from 1905 – 1914), contamination would be expected deeper in the soils than at the surface.

To include these areas in the FOST, substantiating data should be provided to demonstrate that there has been no release of hazardous substances resulting from the activities conducted at these sites. If substantiating data is not available, these areas should be investigated to determine if there has been a release. If a release has occurred, that release must be delineated and remedial actions should be completed to address unacceptable risks to human health and the environment. Any area with releases that cannot be remediated prior to the transfer date must be included in the FOSET.

Army Response: The Army will conduct limited additional sampling the Pistol Range and the 300-Yard Range as areas of concern for lead.

GAEPD Comment 6: Figure 2. This figure does not outline the sites described in Sections 4.9 and 4.10 of the document. Please revise this figure to include all relevant sites.

Army Response: Figure 2 has been revised to add the sites described in Sections 4.9 and 4.10.

GAEPD Comment 7: Section 2.0 Property Description. The second and third bullet points describe two credit union parcels that have already been transferred. However, EPD has not received a copy of the “Amended” FOSTs for these parcels. Please provide a copy of each amended FOST for our review.

Army Response: The Fort McPherson amended credit union FOSTs were submitted to GAEPD on 26 August 2013.

GAEPD Comment 8: Since groundwater contamination at FTMP-13 has yet to be delineated and there is a risk that a pumping well might exacerbate contamination from this site, drinking water well installation restrictions should be added to the CERCLA Notice (Enclosure 10) and Environmental Protection Provisions (Enclosure 11).

Army Response: The Army will include a well restriction in the Environmental Protection Provisions (Enclosure 11).

GAEPD Comment 9: The following sites listed under ECP Category 1 are areas where hazardous substances release may have occurred. No documentation (i.e., site surveys, soil

and/or groundwater sampling, closure reports, etc.) has been provided supporting the conclusion that these areas have had no release or disposal of hazardous substances or petroleum products.

- a. *Former and current oil-water separators (OWS) at Buildings 187, 345, 346/350 (FTMP-04), and 357 (FTMP-07). No documentation has been provided to EPD, either in the FOST or independently of the FOST, regarding the condition, status, and analytical sampling conducted at the former and current oil-water separators. Therefore, the inclusion of former and current OWS in the FOST is not supported by the information that EPD has thus far. Please provide additional information (i.e., analytical sample results, inspection reports, etc.), for EPD review, that substantiates the inclusion of current and former OWS in the FOST.*

Army Response: The Army will coordinate with GAEPD to conduct limited additional sampling of the former and current OWS.

- b. *Hazardous waste collection areas. The Hazardous Waste Collection Areas are not defined in the FOST; therefore, it is not clear whether these areas include the 90-day hazardous waste storage area at building 353. 90-day storage areas are subject to §262 of the Georgia Rules for Hazardous Waste Management and require closure, which may include sampling of soils adjacent to or underlying the base of the storage area. As of this date, EPD has not received a closure report for the 90-day storage area. Please submit the closure report for EPD review.*

Army Response: The Army will coordinate with GAEPD to conduct limited additional sampling of the hazardous waste collection area.

- c. *Lake Numbers 1 through 4. Table 1 describes fish kill in Lakes 1 and 2 that occurred in 1974 and 1975, respectively. As a result, the lakes were dredged and aeration systems were installed. The text of the FOST also states that recent sampling indicates that there are no contaminants present in the lakes. Please submit the sampling results to EPD for review.*

Army Response: The statement that “recent sampling indicated that there are no contaminants present in the lakes” was included in the ECP Report dated January 2007; the statement was not included in the Fort McPherson FOST. These sampling data were not located during preparation of the FOST. Laboratory data for a surface water sample collected from Lake 1 on July 10, 2008 are provided as an attachment hereto.

- d. *All Training Areas except FTMP-12, Small Arms Range. It is unclear what type of training operations took place in these areas. Please provide this information.*

Army Response: Training Area 1 was a partly forested area used for land navigation training. Training Area 2 was an open grassy field used for physical training.

GAEPD Comment 12: *We have the following comments on Polychlorinated Biphenyls (PCBs).*

- a. *The last paragraph of Section 4.4 states, “On July 29, 1981, a transformer in the area of the tennis courts leaked fluid that contaminated an area six meters in diameter. O&H Materials, Inc. was contracted to clean up the spill. The spill material and 25 drums of soil from the area were excavated. Analysis of the samples from the spill area confirmed that it was a PCB-contaminated (USATHAMA, 1983).” Please provide additional information (i.e., analytical sample results, inspection reports, etc.), for EPD review, that demonstrates complete site cleanup from the historic PCB release and substantiates the inclusion of this area in the FOST.*

Army Response: The USATHAMA report was not available for review during preparation of the FOST. The Army will coordinate with GAEPD to conduct limited additional sampling of the area of concern.

- b. *Table 1, Page 6, identifies an electrical substation at Building 303. Although the date of construction of this building is not provided. Building 303 is “assumed to contain lead-based paint (LBP),” which means the building was constructed before 1978. Although PCB production was banned in 1979, the use of transformers containing PCB dielectric fluid continued for many years following the production ban. Therefore, an investigation at this former and/or current substation should be conducted to determine if the property has been impacted by the use of PCB transformers.*

Army Response: The Army will coordinate with GAEPD to conduct limited additional investigation of the area of concern.

GAEPD Comment 13: *Section 5.0 Adjacent Property Conditions. The last paragraph of this section states, “The presence of these hazards on adjacent property does not present an unacceptable risk to human health and the environment because removal actions have been completed, are underway, or are planned at FTMP-06, FTMP-14 and FTMP-004-R-01. Additional remedial investigation (RI) is underway at FTMP-13 which, coupled with an expanded site footprint, is expected to be protective of human health and the environment.” The conclusion that these areas do not present an unacceptable risk to human health and the environment cannot be made at this time as the extent of soil and groundwater contamination has not yet been defined at these sites.*

Army Response: Comment noted.

GAEPD Comment 14: *Section 4.0 Environmental Condition of Property (ECP). This section states that 12 UST sites with evidence of petroleum contamination are listed under ECP Category 2 (where only a release or disposal of petroleum products has occurred). Please identify these sites in the report.*

Army Response: The 12 UST sites have been added to Section 4.0 of the FOST, as requested.

GAEPD Comment 15: *Section 4.2 Storage, Release or Disposal of Hazardous Substances. The text in this section states that hazardous substances were stored at Fort McPherson at various satellite accumulation points (SAPs), and that a summary of the buildings or areas in which*

hazardous substance activities occurred is provided in Table 2 of Enclosure 5. However, it appears that these SAPs are not summarized in Table 2. Additionally, the BRAC 2005 Environmental Condition of Property Report identified four (4) SAPs at Fort McPherson (Building 125, Building 340, Building 346, and Building 370). Please revise the FOST to provide the location of all SAPs and additional storage information (i.e., storage site area or building, substances stored, largest quantity stored, release information, etc.) to substantiate the inclusion of these areas in the FOST.

Army Response: The FOST has been revised, as requested.

GAEPD Comment 16: *We have the following comments on Underground and Aboveground Storage Tanks (UST/AST) described in Table 3 and in Section 4.3:*

a. *Building 164 UST. The text in the remedial actions column on page 9 of Table 3 states, "Closure soil samples exceeded regulatory criterion for total BTEX....Total of 78 cu yds of contaminated soil manifested to Fort Gillem Farm Site." Please indicate what regulatory criterion was exceeded. Additionally, please provide additional information about the Fort Gillem Farm Site (i.e., what activities take place there and exactly where is it located).*

Army Response: Total BTEX of 274 mg/kg was detected in one soil sample. This value exceeded the applicable "Level A" cleanup standard of 20 mg/kg of Total BTEX for soils. The Fort Gillem Farm Site was located in the 900 area; exact location is unknown.

b. *The following ASTs are listed on pages 16 through 19 of Table 3 in Enclosure 6, and the phrase "no spills or releases reported" is included in the remedial actions for all of them: Building 110 diesel AST (size unknown); Building 205 diesel AST (size unknown); Building 315 275-gallon diesel AST; Building 326 150-gallon AST; Building 331 150-gallon diesel ASTs; Building 340 500-gallon diesel ASTs; Building 359 5,000-gallon used oil AST; Building 363 150-gallon diesel AST; and Building 365 100-gallon diesel AST. However, we are unable to locate any information regarding these ASTs in our database or on any UST/AST list for Fort McPherson, and are therefore, unable to verify the suitability of these areas for transfer under a FOST. Therefore, the inclusion of the above ASTs in the FOST is not supported by the information that EPD has thus far. Please provide additional information, for EPD review, that substantiates the inclusion of these ASTs in the FOST.*

Army Response: GAEPD approved *no further action is required at this time* for the ASTs at Buildings 110, 331, 340 and 365 on September 5, 2013. The ASTs associated with generators at Buildings 205 and 363 are powered by natural gas and have been deleted from the FOST. The Building 315 275-gallon AST is a day tank associated with the 6,000-gallon AST at Building 315. This tank has been deleted from the FOST. The 150-gallon AST at Building 326 was misidentified as a 250-gallon waste oil tank for which the GAEPD approved *no further action is required at this time* on February 21, 2012. Per Mr. William Logan, USTMP, *no further action is required* for this 150-gallon AST (personal communication, Mr. William Logan, GAEPD on September 20, 2013). Based on a site reconnaissance with Mr. Logan on July 16, 2013, Building 359 has been demolished and the area is now a solid waste management unit. The Building 359 AST has been deleted from the FOST. A 150-gallon AST associated with a generator at

Building 65 has been added to the FOST. GAEPD approved *no further action is required at this time* for this AST on September 5, 2013.

c. *Building 160 ASTs. Our database indicates only one (1) AST was present at Building 160 which was issued a “no additional assessment required” on February 23, 2012. However, on page 17 of Table 3, there are two (2) ASTs listed, one of which provides the no additional assessment required noted above and the other indicates, “Tank in place and supplied fuel to emergency generator. No spills or releases reported.” It appears that the second AST may be listed in error. Please remove the second AST listed for Building 160.*

Army Response: The Army acknowledges this error and has deleted reference to the second AST at Building 160 in Table 3.

d. *Building 200 ASTs. The text on page 17 of Table 3 list four (4) ASTs for Building 200, all indicating “Tank in place and supplied fuel to emergency generator. No spills or releases reported.” However, our database indicates only one (1) UST was present at Building 200. The Land Protection Branch’s UST Management Program (USTMP) is working with the BRAC Environmental Coordinator (BEC) to determine the correct number of ASTs and USTs at this location. Once this is determined, please review the document, if necessary, to provide the correct information.*

Army Response: A site visit made by Mr. William Logan, USTMP on July 16, 2013 confirmed the presence of two day tanks located inside Building 200. Fuel is piped from the Building 200 UST to the day tanks, which then provide fuel to the emergency generators in Building 200. The Army has deleted the four ASTs from the FOST.

e. *Building 370 UST/AST. The text on page 15 of Table 3 provides information for the Building 370-WO1 500 gallon used oil UST and page 20 provides the information for the Building 370-WO2 500-gallon used oil AST which was installed to replace the 500-gallon UST. The information provided in the remedial actions column for the 500-gallon AST erroneously states that a “no additional assessment requirement” was issued by EPD on November 9, 2011. The “no additional assessment requirement” was issued for the 500-gallon UST not the 500-gallon AST. The USTMP is working with the BEC to determine the status of the AST at this location. Once this is determined, please revise the document, if necessary, to provide the correct information.*

Army Response: The GAEPD issued separate closure approval letters for the Building 370 UST and the Building 370 AST on November 9, 2012. The referenced text in the FOST will remain.

f. *Section 454 ASTs. The text on page 20 of Table 3 indicates in the remedial actions column for the gasoline and diesel ASTs that closure reports were prepared requesting a “no additional assessment requirement.” However, our records do not indicate that closure reports were submitted for these ASTs. Please submit the closure reports for these two ASTs for review by EPD prior to the transfer of the property to substantiate the inclusion of these ASTs in the FOST.*

Army Response: GAEPD approved *no additional site assessment required at this time* for one gasoline AST and one diesel AST at former Building 454 by letter dated March 23, 2012. Based on discussion with Mr. William Logan, USTMP during the site visit on July 16, 2013, the Army has deleted the 100-gallon AST from Table 3.

GAEPD Comment 17: *Section 4.5 Asbestos. This section lists the buildings known to contain asbestos containing materials (ACMs). In addition, the buildings with known ACMs are listed in Table 4. The following buildings were identified as having ACMs in Section 4.5, but not listed in Table 4: 23, 24, 25, 26, 29-35, 42, 50, 52, 54, 57, 102, 104, 106, 110, 140, 144, 200, 238, 240, 243, 250, 303, 328, 347, 349, 355, 366, 370, 380, 4000, 404, 407, 408, 409, 410, 411, 417, 419, 421, 427, 441, 448, 449, 503, 504, 511, 514, 516, 517, 518, 519, 525, 529, 539, 559, and 608. An additional list of building containing ACMs is provided in Enclosure 11. Please provide correct and consistent information throughout the document.*

Army Response: Table 4 lists positive ACM sampling data for buildings on Fort McPherson. Some Fort McPherson buildings were not sampled. The building list in Section 4.5 and in Enclosure 11 is a complete list of buildings thought to contain asbestos based on the date of building construction. The Army has added a footnote to Section 4.5 that provides clarification.

GAEPD Comment 18: *Section 4.6 Lead-Based Paint. This section lists the buildings known to contain lead-based paint (LBP). In addition, the buildings with known LBP are listed in Table 5. The following buildings were identified as having LBP in Section 4.6 but were not listed in Table 5: 9, 10, 17, 18, 20, 22-35, 41, 42, 46, 47, 50-65, 100-102, 104-106, 110, 135-142, 144, 160, 167-171, 178-181, 183, 184, 186, 205-207, 240, 303, 326, 329, 347, 354, 355, 363, 381, 400-405, 407-411, 417, 419, 422, 427, 448, 449, 503, 504, 506-512, 514, 515, 517-519, 523-529, 532-558, and 601-605. An additional list of buildings containing LBP is provided in Enclosure 11. Please provide correct and consistent information throughout the document.*

Army Response: Table 5 lists the available lead-based paint sampling data for buildings on Fort McPherson. Some Fort McPherson buildings were not sampled. The building list in Section 4.5 and Enclosure 11 is a complete list of buildings constructed prior to 1978 thought or known to contain lead-based paint. The Army has added a footnote to Section 4.6 that provides clarification.