

**Final
Land Use Control Effectiveness Report
McClellan
Anniston, Alabama**

Prepared for:

**Anniston Calhoun County Fort McClellan Development
Joint Powers Authority**



Prepared by:



**Revision 1
April 2007**

TABLE OF CONTENTS

TABLE OF CONTENTS **i**
ACRONYMS.....**ii**
1.0 INTRODUCTION **1**
2.0 LAND USE CONTROLS..... **2**
 2.1 Landfill 1 (Parcel 78(6)) 2
 2.2 Landfill 2 (Parcel 79(6)) 3
 2.3 Landfill 3 (Parcel 80(6)) 3
 2.4 Landfill 4 (Parcel 81(5)) 3
 2.5 Industrial Landfill (Parcel 175(5))..... 4
 2.6 Former Post Garbage Dump (Parcel 126(7)) 4
 2.7 Fill Area North of Landfill 2 (Parcel 230(7)) 4
 2.8 Fill Area East of Reilly (Parcel 227(7))..... 5
 2.9 Fill Area Northwest of Reilly (Parcel 229(7)) 5
 2.10 Training Area T-38 Former Technical Reaction Area (Parcel 186(6)) 5
 2.11 Training Area T-6 (Naylor Field) (Parcel 183(6)) and Cane Creek Training Area
 (Parcel 510(7)) 5
 2.12 Small Weapons Repair Shop (Parcel 66(7)) 6
 2.13 Motor Pool Area 1500 and Chemical Laundry (Parcel 094(7)) 6
 2.14 Former Motor Pool Area 3100 – Parcels 24(7), 25(7), 73(7), 212(7), and 146(7) 6
 2.15 Former Washrack, Building 1740, Soldier’s Chapel – Parcel 127(7) 6
 2.16 Reilly Lake..... 6
 2.17 GSA Warehouse Area – Parcels 151(4), 2(4), 3(4), 4(4), 67(4), 69(4), 91(4), 111(4),
 128(4), 129(4), and 238(4)..... 7
 2.18 Alpha Area and MRS-1 (Bravo Area) 7
 2.19 Dog Kennel Area 8
3.0 LUC VIOLATIONS AND ACTIONS..... **9**
4.0 RECOMMENDATIONS..... **10**

TABLES

- 1.1 Land Use Control Summary

FIGURES

- 1 Reilly Lake Area LUCs
- 2 Reilly Lake Warning Signs
- 3 Alpha Area LUCs
- 4 Alpha Area Warning Signs

APPENDICES

- Appendix A Sample Inspection Forms
- Appendix B MEC Awareness Pamphlet

ACRONYMS

ADEM	Alabama Department of Environmental Management
Army	United States Department of the Army
CA	Cleanup Agreement
Deed 13	Early Transfer Quitclaim Deed
ESCA	Environmental Services Cooperative Agreement
FOSET	Finding of Suitability for Early Transfer
GSA	General Services Administration
JPA	Anniston-Calhoun County Fort McClellan Development Joint Powers Authority
JPA security officer	Alabama Security and K-9
LUC	Land Use Control
LUCER	Land Use Control Effectiveness Report
LUCIP	Land Use Control Implementation Plan
Matrix	Matrix Environmental Services, LLC
MEC	Munitions and Explosives of Concern

1.0 INTRODUCTION

This 2006 Annual Land Use Control Effectiveness Report (LUCER) has been prepared by Matrix Environmental Services, LLC, (Matrix) on behalf of the Anniston-Calhoun County Fort McClellan Development Joint Powers Authority (JPA) to document the effectiveness of land use controls (LUCs) on certain parcels at McClellan owned by the JPA and for which the JPA is responsible for LUC enforcement. This report is intended to satisfy the requirements stipulated in the Cleanup Agreement (CA) between the Alabama Department of Environmental Management (ADEM) and the JPA dated September 30, 2003, and the Environmental Services Cooperative Agreement (ESCA) between the United States Department of the Army (Army) and the JPA dated September 29, 2003, amended in September 2005 and June 2006.

The CA (Section IV.C.) requires interim land use controls on certain parcels described in the Army's Finding of Suitability for Early Transfer (FOSET). These interim land use controls are further described in the Deed Notices that are attached to the Deed for the FOSET Parcels that have been transferred from the Army to the JPA (Early Transfer Quitclaim Deed, also known as "Deed 13"). The CA requires that the JPA maintain and enforce the provisions of the Deed 13 notices until investigation and corrective measures required under the CA have been completed, and final remedies implemented. This LUCER documents the enforcement of the LUCs and interim LUCs described in Deed 13, the CA, the Land Use Control Implementation Plan (LUCIP), the *GSA Warehouse Area, Parcels 151(4), 2(4), 3(4), 4(4), 67(4), 69(4), 91(4), 111(4), 128(4), 129(4), and 238(4) LUCIP*, and the *LUCIP for Former Motor Pool Area 3100, Parcels 24(7), 25(7), 73(7), 212(7), and 146(7) and Former Washrack, Building 1740, Soldier's Chapel, Parcel 127(7)*. Table 1.1 presents a summary of LUCs by site/parcel.

The ESCA, Attachment E.1., Section 2.1.3 (6) requires the JPA to *"Implement, administer, and enforce LUCs. Such implementation and administration of land use controls may be evidenced by the filing by the JPA with ADEM and the Army of an annual compliance report. The report shall certify, after inspection, that all components of land use controls are in place, and reporting any apparent violations of the land use controls, and describing actions, if any taken in response to such violations."*

This report has been prepared to fulfill the requirements specified above. The following sections describe the LUCs established for each applicable parcel, a description of the status of the LUC, inspection summary, and any noted violations.

2.0 LAND USE CONTROLS

The JPA has assumed responsibility for conducting site-wide security patrols in the Main Cantonment Area and Alpha Area. The Army retains the responsibility for the Bravo Area with the exception of MRS-1. The JPA has retained Alabama Security and K-9 (JPA security officer) to patrol and document the condition of gates, the Bravo Area boundary, signage, and trespassers. Daily and weekly patrol notes are recorded on inspection forms that are signed and dated by the JPA security officer. The inspection forms are filed in the LUC notebook and are retained at the JPA offices. Selected examples of these forms are included in Appendix A and all forms are available for review upon request. In addition to site-wide security, the JPA is responsible for enforcement of LUCs and interim LUCs at the following sites:

- Landfill 1 – Parcel 78(6)
- Landfill 2 – Parcel 79(6)
- Landfill 3 – Parcel 80(6)
- Landfill 4 – Parcel 81(5)
- Industrial Landfill – Parcel 175(5)
- Former Post Garbage Dump – Parcel 126(7)
- Fill Area North of Landfill 2 – Parcel 230(7)
- Fill Area East of Reilly – Parcel 227(7)
- Fill Area Northwest of Reilly – Parcel 229(7)
- Training Area T-38 Former Technical Reaction Area – Parcel 186(6)
- Training Area T-6 (Naylor Field) – Parcel 183(6)
- Cane Creek Training Area – Parcel 510(7)
- Small Weapons Repair Shop – Parcel 066(7)
- Motor Pool Area 1500 and Chemical Laundry – Parcel 094(7)
- Former Motor Pool Area 3100 – Parcels 24(7), 25(7), 73(7), 212(7), and 146(7)
- Former Washrack, Building 1740, Soldier's Chapel – Parcel 127(7)
- Reilly Lake
- General Services Administration (GSA) Warehouse Area – Parcels 151(4), 2(4), 3(4), 4(4), 67(4), 69(4), 91(4), 111(4), 128(4), 129(4), and 238(4)
- Alpha Area (Multiple Parcels)/MRS-1 (Bravo Area)
- Dog Kennel Area

The following sections include a parcel-by-parcel description of LUCs and/or interim LUCs as specified in Deed 13, the CA, and LUCIP, as well as an inspection summary and violations with associated corrective actions taken.

2.1 *Landfill 1 (Parcel 78(6))*

LUCs at Landfill 1 include a restriction on digging or disturbance of soils without ADEM approval and the installation of signs and monuments around the landfill. No digging was performed during 2006 nor is any anticipated in the future. Soil was minimally disturbed during ADEM-approved cap inspection and repair activities during 2006. Signs and monuments were installed in January 2007.

2.2 Landfill 2 (Parcel 79(6))

LUCs at Landfill 2 include a restriction on residential use, a restriction on digging or disturbance of soils without ADEM approval, and installation of signs and monuments around the landfill. Residential use includes housing, daycare facilities, playgrounds, and schools for persons under age 18. Landfill 2 was not used for residential purposes in 2006, nor is residential use anticipated in the future. In the event the parcel is sold to another party, the “Notice of Non-Residential Use” will be included in the transfer deed. No digging or soil disturbance was performed in 2006 nor is any anticipated in the future. Signs and monuments will be installed after cap inspection and repair activities have been completed, once funding has been received from the Army.

2.3 Landfill 3 (Parcel 80(6))

LUCs at Landfill 3 include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcel, unless proper safety and disposal measures as approved by ADEM are implemented. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling associated with the ongoing ADEM-approved environmental investigation, no direct contact with groundwater below the parcel occurred in 2006. The JPA is in the process of selecting an appropriate remedy for groundwater, and will describe any future contact with groundwater in the Corrective Measures Implementation Plan for Landfill 3 Groundwater.

LUCs also include a restriction on residential use of this parcel and a restriction on digging or disturbance of soils without ADEM approval. No residential use of the parcel occurred during 2006, and none is anticipated in the future. No digging was performed in Parcel 80(6) in 2006 nor is any anticipated in the future. However, in preparation for the construction of a cap on Landfill 3, clearing and grubbing activities were performed during 2006 that included minimal soil disturbance. Once the cap on Landfill 3 is constructed, boundary markers will be placed, and LUCs applicable to the cap will commence.

This parcel is undergoing remedial investigation. It is anticipated that the interim LUCs specified herein will remain pending implementation of a landfill cap and groundwater remedy and final LUCs.

2.4 Landfill 4 (Parcel 81(5))

LUCs at Landfill 4 include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcel, unless proper safety and disposal measures as approved by ADEM are implemented, a restriction on digging or disturbance of soils without ADEM approval, and the installation of signs and monuments around the landfill. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling associated with long-term operations and maintenance of this ADEM-approved closed landfill, no direct contact with groundwater below the parcel occurred in 2006, and none is anticipated in the future. Unless associated with cap maintenance and repair, no digging or soil disturbance, was performed in 2006 nor is any

anticipated in the future. Monuments and signs will be installed around the landfill during the first quarter of 2007.

2.5 Industrial Landfill (Parcel 175(5))

LUCs at the Industrial Landfill include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcel, unless proper safety and disposal measures as approved by ADEM are implemented, a restriction on digging or disturbance of soils without ADEM approval, and the installation of signs and monuments around the landfill. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling conducted to comply with ADEM landfill permit requirements, no direct contact with groundwater below the parcel occurred in 2006, and none is anticipated in the future. No digging or soil disturbance was performed in 2006. The Industrial Landfill may be used by the JPA in the future for disposal of construction debris from redevelopment activities at McClellan. All waste disposal will be conducted in accordance with an ADEM-approved Landfill Solid Waste Disposal Permit #08-02. Monuments and signs will be installed in conjunction with the monuments and signs to be placed around Landfill 4.

2.6 Former Post Garbage Dump (Parcel 126(7))

LUCs at the Former Post Garbage Dump include a restriction on digging or disturbance of soils along with access control and the installation of signs and monuments. No digging was performed in 2006 nor is any anticipated in the future. However, in preparation for a cap inspection, clearing and grubbing activities were performed during 2006 that included minimal soil disturbance. The Former Post Garbage Dump is east of Reilly Lake and access is controlled by six locked gates that control vehicular access to Reilly Lake. These gates are checked daily and recorded on an inspection form that is signed and dated by the JPA security officer. Signs and monuments will be installed during the first quarter of 2007.

2.7 Fill Area North of Landfill 2 (Parcel 230(7))

LUCs at the Fill Area North of Landfill 2 include a restriction on digging or disturbance of soils as well as access control and the installation of signs and monuments. No digging or soil disturbance was performed in 2006 nor is any anticipated in the future. The fill area is within the Alpha Area boundary and access is controlled by locked gates which are checked daily and recorded on an inspection form that is signed and dated by the JPA security officer. The inspection forms are filed in the LUC notebook and are retained at the JPA offices. Selected examples of these forms are included in Appendix A and all forms are available for review upon request. MEC signs are posted along the perimeter of the Alpha Area which would include the Fill Area North of Landfill 2. Signs and monuments will be installed once funding has been approved by the Army.

2.8 Fill Area East of Reilly (Parcel 227(7))

LUCs at the Fill Area East of Reilly include a restriction on digging or disturbance of soils as well as access control and the installation of signs and monuments. No digging was performed in 2006 nor is any anticipated in the future. However, in preparation for a cap inspection, clearing and grubbing activities were performed during 2006 that included minimal soil disturbance. The Fill Area East of Reilly is east of Reilly Lake and access is controlled by six locked gates that control vehicular access to Reilly Lake. These gates are checked daily and recorded on an inspection form that is signed and dated by the JPA security officer. The inspection forms are filed in the LUC notebook and are retained at the JPA offices. Selected examples of these forms are included in Appendix A and all forms are available for review upon request. Signs and monuments will be installed during the first quarter of 2007.

2.9 Fill Area Northwest of Reilly (Parcel 229(7))

LUCs at the Fill Area Northwest of Reilly include a restriction on digging or disturbance of soils and the installation of signs and monuments. No digging was performed in Parcel 229(7) in 2006 nor is any anticipated in the future. However, in preparation for the construction of a cap on the Fill Area Northwest of Reilly, clearing and grubbing activities were performed during 2006 that included minimal soil disturbance. Once the cap on the Fill Area Northwest of Reilly is constructed, boundary markers will be placed, and LUCs applicable to the cap will commence.

2.10 Training Area T-38 Former Technical Reaction Area (Parcel 186(6))

LUCs at the Training Area T-38 include a restriction on public access and a restriction barring use of the property for any purpose pending completion of characterization and any required response action. Other than JPA-approved contractors accessing the site for sampling purposes, there has been no evidence of public access to Training Area T-38 during 2006. A locked gate at the entrance to T-38 prevents public access. The gate is checked daily and recorded on an inspection form that is signed and dated by the JPA security officer. The inspection forms are filed in the LUC notebook and are retained at the JPA offices. Selected examples of these forms are included in Appendix A and all forms are available for review upon request.

2.11 Training Area T-6 (Naylor Field) (Parcel 183(6)) and Cane Creek Training Area (Parcel 510(7))

LUCs at the Training Area T-6 and Cane Creek Training Area include a restriction on public access and a restriction barring use of the property for any purpose pending completion of characterization and any required response action. Other than JPA-approved contractors accessing the site for sampling purposes, there has been no evidence of public access to Training Area T-6 during 2006. These areas abut the Bravo Area and the locked gate restricting access is checked by JPA security officers daily and recorded on an inspection form. The inspection forms are filed in the LUC notebook and are retained at the JPA offices. Selected examples of these forms are included in Appendix A and all forms are available for review upon request.

2.12 Small Weapons Repair Shop (Parcel 66(7))

LUCs at the Small Weapons Repair Shop include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcel, unless proper safety and disposal measures as approved by ADEM are implemented. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling conducted in accordance with ongoing ADEM-approved environmental investigations at this parcel, no direct contact with groundwater below the parcel occurred in 2006, and none is anticipated in the future.

2.13 Motor Pool Area 1500 and Chemical Laundry (Parcel 094(7))

LUCs at the Motor Pool Area 1500 and Chemical Laundry include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcel, unless proper safety and disposal measures as approved by ADEM are implemented. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling conducted in accordance with ongoing ADEM-approved environmental investigations at this parcel, no direct contact with groundwater below the parcel occurred in 2006, and none is anticipated in the future.

2.14 Former Motor Pool Area 3100 – Parcels 24(7), 25(7), 73(7), 212(7), and 146(7)

LUCs at the Motor Pool Area 3100 include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcels, unless proper safety and disposal measures as approved by ADEM are implemented. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling conducted in accordance with ongoing ADEM-approved environmental investigations at these parcels, no direct contact with groundwater below the parcels occurred in 2006, and none is anticipated in the future.

2.15 Former Washrack, Building 1740, Soldier's Chapel – Parcel 127(7)

LUCs at the Soldier's Chapel include a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcel, unless proper safety and disposal measures as approved by ADEM are implemented. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. With the exception of groundwater sampling conducted in accordance with ongoing ADEM-approved environmental investigations at this parcel, no direct contact with groundwater below the parcel occurred in 2006, and none is anticipated in the future.

2.16 Reilly Lake

LUCs at Reilly Lake as specified in Deed 13 include restrictions on swimming, wading, fishing, or harvesting aquatic animals in the lake wetlands, and streams. In addition, Deed 13 restricts consumption of fish or other aquatic animals in the lake, streams, and wetlands. However, during a Resource Conservation and Recovery Act Facility Investigation (RFI) it was determined that constituents detected in surface water and fish tissue do not pose an unacceptable risk to human health and the environment. The RFI recommended LUCs for the Former Post Garbage

Dump (Parcel 126(7)) and Fill Area East of Reilly (Parcel 227(7)) (Sections 2.6 and 2.8), however, LUCs for the Reilly Lake area were not recommended. On April 17, 2006, ADEM concurred with this recommendation. Deed 13 will be updated to reflect this change once the second ESCA is approved.

During 2006, prior to ADEM's approval of the RFI, six locked gates restricting vehicular access to Reilly Lake were in place (Figure 1). The gates are inspected on a daily basis by JPA security officers. The inspections are recorded on an inspection form that is dated and signed by the JPA security officer. The form is then filed in a notebook at the JPA offices. Because these gates also restrict access to the Alpha Area, they remain in place and are checked daily. Should Reilly Lake be opened to public access prior to the Alpha Area, the gates will be reconfigured.

Additionally, during that time, signs that specify the restricted activities noted above were posted around Reilly Lake. The signs and parcel were inspected weekly, and the inspections were recorded on the forms noted above. The weekly inspection forms are also filed in the LUC notebook and are retained at the JPA offices. Selected examples of these forms are included in Appendix A and all forms are available for review upon request. Figure 2 shows a sign installed around Reilly Lake.

2.17 GSA Warehouse Area – Parcels 151(4), 2(4), 3(4), 4(4), 67(4), 69(4), 91(4), 111(4), 128(4), 129(4), and 238(4)

LUCs on the GSA Warehouse Area include a restriction on the property to industrial and commercial reuse. This property has not yet been redeveloped. The current proposed redevelopment plan for the GSA Warehouse Area calls for industrial and commercial uses in this area.

An additional LUC includes a restriction on the consumptive or other use of groundwater and direct contact with groundwater below the parcels, unless proper safety and disposal measures as approved by ADEM are implemented. No consumptive or other use of groundwater occurred in 2006, and none is anticipated in the future. No direct contact with groundwater below the parcels occurred in 2006, and none is anticipated in the future.

2.18 Alpha Area and MRS-1 (Bravo Area)

LUCs for the Alpha Area and MRS-1 pertain to munitions and explosives of concern (MEC), and are intended to minimize the risk to human health and the environment, and to promote human safety. The LUCs require controlled access to the Alpha Area and MRS-1 as well as public education on the explosive hazards associated with munitions that may be present on the parcel and actions they should take should a MEC item be encountered. Eleven gates have been installed to restrict vehicular access to this area (Figure 3). Each gate is maintained under lock and key control. Signs are posted on the gates warning persons to keep out of the areas beyond the gates. Locked gates are inspected daily by JPA security officers, and results of the inspection recorded on an inspection form. The inspection forms are filed in the JPA's offices and are available upon request.

MEC warning signs (Figure 4) are installed around the perimeter of the Alpha Area and MRS-1, and are inspected by JPA security officers on a weekly basis. Missing or damaged signs are replaced. The JPA is coordinating the community outreach program with the Army. A training video explaining the dangers of MEC is mandatory for anyone performing work on McClellan. The JPA and Matrix brief all contractors conducting work at McClellan on the possibility of encountering MEC, and describe emergency procedures to implement should MEC be encountered. Pamphlets explaining the dangers of MEC and what to do in the event a MEC item is found are available to the public at the JPA Building on McClellan. An example pamphlet is included in Appendix B.

The JPA section of Bains Gap Road MEC clearance was completed on December 20, 2006; the road will officially open when Fish and Wildlife has a gate installed. New “No Trespassing” signs have been installed along the North and South road boundaries of Bains Gap Road.

2.19 Dog Kennel Area

With the exception of the Dog Kennel Area and MRS-1, the Army has responsibility for maintaining and enforcing LUCs in the Bravo Area. Interim LUCs have been established at the Dog Kennel Area to facilitate temporary use of the site by Auburn University for use in their canine training program. The interim LUCs for the Dog Kennel Area pertain to unexploded ordnance, and are intended to minimize the risk to human health and the environment, and to promote human safety. Therefore, use of the Dog Kennel Area property is restricted to surface use. The tenant’s personnel, including employees or authorized visitors, on site at the Dog Kennel Area must receive ordnance familiarization training. Additionally, “No Trespassing” signs are posted.

The JPA has incorporated provisions in the lease document prohibiting intrusive activity on the property. Monthly inspections are performed by the JPA to ensure that the restrictions have not been violated. The inspections are recorded on an inspection form that is dated and signed by the JPA security officer. The form is then filed in a notebook at the JPA offices. A training video explaining the dangers of MEC is mandatory for persons who enter and/or use the Dog Kennel Area. Documentation of training is maintained in a notebook at the JPA offices and is available upon request. The lease expires in early 2008.

3.0 LUC VIOLATIONS AND ACTIONS

The most serious LUC violation is due to poachers. The poaching problem mainly occurs at night in the fall during the hunting season. The daily security checks performed by the JPA security officer include checking for trespassers of any kind. The JPA security officer also conducts random evening security patrols. Additionally, both Federal and State Game Wardens occasionally patrol the areas frequented by poachers and have chased and apprehended poachers during sting operations. The Federal and State Game Wardens patrol throughout the site; including the Alpha and Bravo areas. The Wardens are trained in MEC awareness and patrol only on roadways and trails. The total elimination of poaching would be difficult due to the large area of the base, remoteness of many areas, the number of egress points through the woods onto the base, and the use of all-terrain vehicles by the poachers. Walkers and joggers are also spotted occasionally in restricted areas. In 2006, the Game Wardens issued a citation for a person found trespassing on Bains Gap road during MEC clearance. The JPA security officer and Federal and State Game Wardens will continue to patrol known areas of poaching and trespassing.

Another LUC violation is warning sign theft. Warning signs are inspected by JPA security officers on a weekly basis. Missing or damaged signs are replaced.

4.0 RECOMMENDATIONS

It is recommended that daily, weekly, and monthly inspections continue. Vigilance by JPA and Matrix employees in identifying areas where trespassing may be occurring should also continue, as well as support for the Federal and State Game Wardens.

**Table 1.1
Land Use Control Summary
Land Use Control Effectiveness Report**

Site - Parcel	Land Use Control
Landfill 1 - Parcel 78(6)	Restriction on digging or disturbance of soil (Deed 13, LUCIP) Monuments and signs (CA)
Landfill 2 - Parcel 79(6)	Restriction on residential use (Deed 13) Monuments and signs (Deed 13, CA) Restriction on digging or disturbance of soil (LUCIP)
Landfill 3 - Parcel 80(6)	Restriction on consumptive, other use or contact with groundwater (Deed 13, LUCIP) Restriction on digging or disturbance of soil (LUCIP) Restriction on residential use (Deed 13, LUCIP)
Landfill 4 - Parcel 81(5)	Restriction on consumptive, other use or contact with groundwater (Deed 13, LUCIP) Monuments and signs (Deed 13) Restriction on digging or disturbance of soil (LUCIP)
Industrial Landfill - Parcel 175(5)	Restriction on consumptive, other use or contact with groundwater (Deed 13, LUCIP) Monuments and signs (CA) Restriction on digging or disturbance of soil (LUCIP)
Former Post Garbage Dump - Parcel 126(7)	Restriction on digging or disturbance of soil (Deed 13, LUCIP) Access control, monuments and signs (CA)
Fill Area North of Landfill 2 - Parcel 230(7)	Restriction on digging or disturbance of soil (Deed 13, LUCIP) Access control, monuments and signs (CA)
Fill Area East of Reilly - Parcel 227(7)	Restriction on digging or disturbance of soil (Deed 13, LUCIP) Access control, monuments and signs (CA)
Fill Area NW of Reilly - Parcel 229(7)	Restriction on digging or disturbance of soil (Deed 13, LUCIP) Monuments and signs (CA)
Training Area T-38 Former Technical Reaction Area - Parcel 186(6)	Restriction on public access (Deed 13) No use of property pending completion of characterization and an required response action (LUCIP)
Training Area T-6 (Naylor Field) - Parcel 183(6) and Cane Creek Training Area - Parcel 510(7)	Restriction on public access (Deed 13) No use of property pending completion of characterization and an required response action (LUCIP)
Small Weapons Repair Shop - Parcel 66(7)	Restriction on consumptive, other use or contact with groundwater (Deed 13, LUCIP)
Motor Pool Area 1500 and Chemical Laundry - Parcel 94(7)	Restriction on consumptive, other use or contact with groundwater (Deed 13, LUCIP)
Former Motor Pool Area 3100 – Parcels 24(7), 25(7), 73(7), 212(7), and 146(7)	Restriction on consumptive, other use or contact with groundwater (Motor Pool 3100 and Soldier's Chapel LUCIP)
Former Washrack, Building 1740, Soldier's Chapel – Parcel 127(7)	Restriction on consumptive, other use or contact with groundwater (Motor Pool 3100 and Soldier's Chapel LUCIP)
Reilly Lake	Restriction on swimming, wading, fishing, or harvesting and/or consumption of aquatic animals (Deed 13, LUCIP) (through April 2006)
General Services Administration (GSA) Warehouse Area – Parcels 151(4), 2(4), 3(4), 4(4), 67(4), 69(4), 91(4), 111(4), 128(4), 129(4), and 238(4)	Restricted to commercial and industrial reuse (GSA Warehouse LUCIP) Restriction on consumptive, other use or contact with groundwater (GSA Warehouse LUCIP)
Alpha Area (Multiple Parcels) and MRS-1 (Bravo Area)	Public education and restriction on public access (Deed 13) No use of property pending completion of characterization and an required response action (LUCIP)
Dog Kennel Area	Restricted to surface use only Ordnance familiarization training No trespassing signs

CA - Cleanup Agreement

LUCIP - Land Use Control Implementation Plan

Figure 1
Reilly Lake Area LUCs
Land Use Control Effectiveness Report

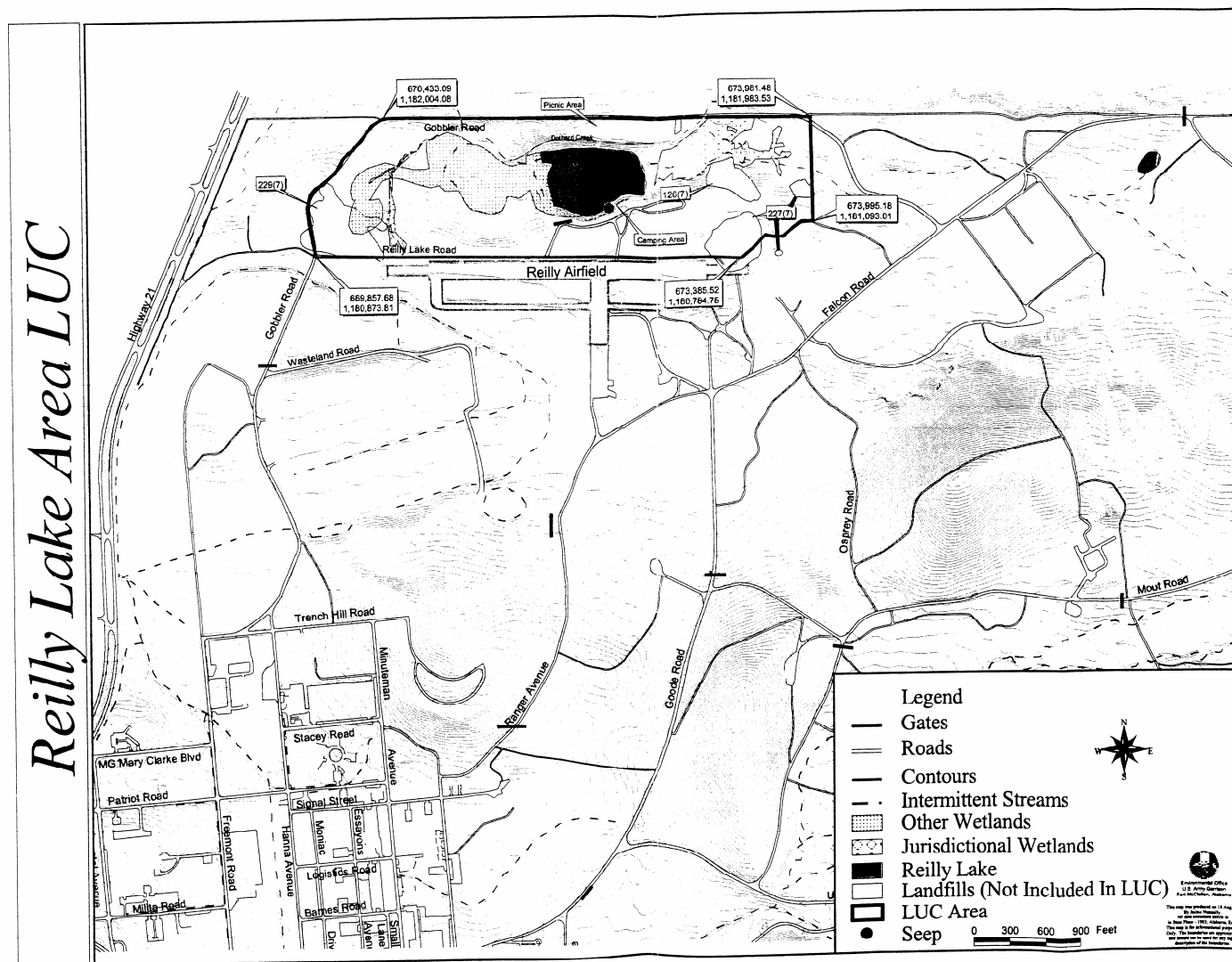


Figure 2
Reilly Lake Warning Sign
Land Use Control Effectiveness Report



Figure 3
Alpha Area and MRS-1 (Bravo Area) LUCs
Land Use Control Effectiveness Report

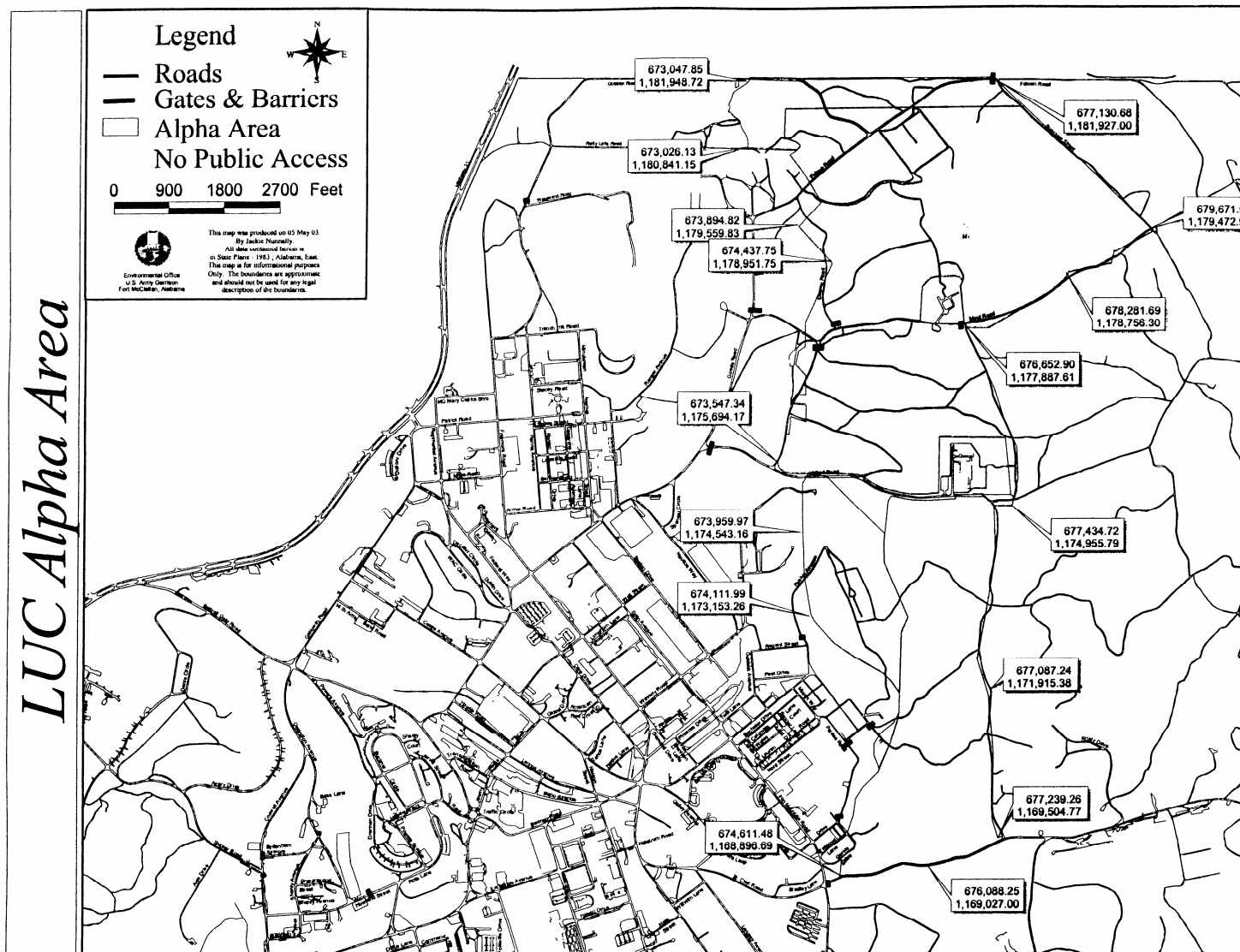


Figure 4
Alpha Area and MRS-1 (Bravo Area) Warning Signs
Land Use Control Effectiveness Report



Appendix A



Daily and Monthly Security Checklist

Patrolman: MAJOR BETH B. GUTTRY
SOT WEST MILWEE

Date: 12-20-06

AREA	PARCEL/ LOCATION	TIME	BARRIER CONDITION	GATE CONDITION	LOCK OPEN/ LOCKED/ OPERATES	TRESPASS EVIDENCE	REMARKS/ COMMENTS
UXO	DAILY Gates						
	Alpha UXO						
Garcia & Coosa	Gate 1						EXCLUSION ZONE
Lauren	Gate 2						EXCLUSION ZONE
Ruskin Road	Gate 3						EXCLUSION ZONE
Regent Road	Gate 4 T-38	14:04	OK	OK	YES	NO	
Magazine Gate	No Gate #	14:07			UNLOCKED OPEN		ECC WORKING
Goode Road	Gate 5	14:11			YES		
MOUT Road Main Gate	Gate 12	14:14		RIGHT SIDE BENT			
MOUT Road	Gate 6	14:18		OK			
Goode Road/ Main Gate	Gate 7	14:18					
Riley Lake Gate @ DAM	Gate 9	15:08					
Landfill Gate	Gate 8	15:11			UNLOCKED OPEN		AL BONDURANT WORKING IN AREA
Ranger Ave - A	Gate 10	15:18			YES		
Ranger Ave - B	Gate 11	15:20	↓	↓	↓	↓	
	MONTHLY ALPHA UXO BOUNDARY & INT.						

OTHER COMMENTS
 1351 - ST. CLAIR & COOSA INTERSECT - COOSA BARRICADE IN PLACE
 1352 - DORA LOOP & COOSA RD BARRICADES - BOTH REMOVED
 1357 - IRON MOUNTAIN RD BARRICADE - EXCLUSION ZONE - OPEN - ECC WORKING
 1358 - BAINS GAP RD CLOSED - BARRICADE UXO - ECC WORKING
 1403 - ROADS TO GATES 2 & 3 - ROADS CLOSED - EXCLUSION ZONE - BARRICADES IN PLACE
 1514 - HIGHWAY 31 GATE - LOCKED & UNMANNED
 1531 - TOWN CENTER RD - SHARSHIPS - OUT OF AREA - 1543

SIGNATURE: Major Beth B. Guttry

Appendix B

Report

Call 911

If you encounter something that could be UXO call 911

Remember What To Do If You Find UXO...

- Recognize
- Retreat
- Report

3RS

Be Safe

- UXO can kill you.
- If you encounter UXO, don't touch it.
- Leave the area.
- Try to keep others out of the area and call 911 to report you may have encountered UXO.
- Keep yourself and your friends safe.

UXO

AWARENESS



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UXO AWARENESS

UXO Can Be Deadly

Learn What To Do
If You Encounter UXO!



UXO stands for UneXploded Ordnance

Don't Be Fooled

- No matter if it is a full munitions item or a small piece,
- No matter if it includes markings that say "simulator" or "practice,"
- By any name, UXO can hurt you!

Learn What To Do...

So that you or a friend are not hurt by UXO.

- Recognize
- Retreat (leave the area the way you entered)
- Report



What Is UXO?



UXO stands for UneXploded Ordnance. UXO's are military munitions that failed to function properly when fired.

Military munitions include:

- bullets, bombs, rockets and simulators, grenades, blasting caps, shells and fuses

UXO's are munitions that:

- haven't exploded
- could explode
- look new or old...shiny or rusty...clean or dirty

UXO Photos



Recognize

If you believe you have encountered something that could be UXO:

- Do not touch it!
- It may not look deadly - but it is!
- Leave it alone.
- Try to remember and/or mark the area where you found the UXO.

Some UXO's Are Hard To Recognize

UXO comes in many shapes, sizes, and types.

- Size doesn't matter. Even small items can kill or injure.
- Age doesn't matter. Even old rusty items can kill or injure.
- UXO may not look harmful, but all UXO can be dangerous!



UXO's Are Dangerous

UXO's have seriously hurt and even killed people.

- Do not touch anything that could be UXO.
- Do not enter areas with "Danger" signs.



Retreat

- Don't touch it.
- Don't go near it.
- Leave the area using the same path you used to enter it.