

February 28, 2018

Base Realignment and Closure Division

Mr. Jason Wilson Alabama Department of Environmental Management (ADEM) Hazardous Waste Branch, Land Division P.O. Box 301463 Montgomery, Alabama 36130-1463

# Dear Mr. Wilson:

This letter transmits the annual report, required by the Land Use Control Assurance Plan (LUCAP), reflecting the status of land use controls (LUCs) established for properties on the former Fort McClellan. The LUCAP Appendix A, listing sites on the former Fort McClellan where LUCs constitute either a part of or the entire interim or final remedy, is updated and included at Enclosure 1. Potential issues are shown in red text. The LUCAP Appendix D, listing agency points of contact, is updated and included at Enclosure 2.

This letter affirms that LUCs for which the Army remains responsible for have been effective in protecting human health and safety. Daily monitoring is performed. Warning signs are replaced when found to be damaged or missing.

The Calhoun County McClellan Development Authority (MDA) has responsibility for LUCs at many of the sites as shown on Appendix A. Sites with documentation for unrestricted reuse and ADEM concurrence are shown highlighted in gray at the end of Appendix A.

The MDA submitted their Land Use Control Effectiveness Report (LUCER) on January 30, 2018. The Army's review found that construction support for the Eastern Bypass (EBP) "Y" Area was omitted from the LUCER. Additionally, Section IV.C.2.I of the Cleanup Agreement excludes the requirement for construction support in the EBP "Y" Area. In a letter dated April 9, 2007 accepting Army responses, ADEM agreed to construction support for the site (Enclosure 3). Given that no additional work or investigation of the area has occurred, specific documentation from ADEM exempting the EBP "Y" Area from construction support is necessary for site closeout. Alternatively, the construction support requirement could be added to the LUCER and the Cleanup Agreement at its next review/update. Additionally, it appears the following sites are undergoing investigation/remediation and are being evaluated for inclusion in the next iteration of the LUCER: Range 16, Parcels 72Q-X and 150Q; Range 29, Parcels 87Q-X, 110Q, 111Q and 239Q-X; Mock Village at Yahoo Lake, Parcel 130Q-X; Area North of MOUT; Impact Area Range 30 and Former Rifle/Machine Gun Range, Parcels 88Q and 103Q; Impact Area South of POW Training Facility, Former Rifle/Machine Gun Ranges, Parcels 100Q and 101Q; Training Area T-5 Sites, Parcels 180(7), 182(7), 513(7), and 514(7); and Baby Bains Gap Road Ranges: Range 18, Parcel 74Q, Range 26, Parcel 84Q, Range 28, Parcel 86Q, Range 25E, Parcel 223Q, Ranges South of Range 25, Parcels 224Q and 226Q and Former Pistol Range (Impact Area), Parcel 227Q.

The Alabama Department of Transportation (ALDOT) has responsibility for LUCs at the Eastern Bypass OES2. Preparation of the ALDOT annual report for OES2 is underway.

Copies of this correspondence with enclosures were provided to Mrs. Leigh Lattimore, EPA Region 4; Mr. Robin Scott, MDA; Mr. Gerald Hardy, Matrix Environmental Services; and Mr. Keith Westlake, U.S. Fish and Wildlife Service.

For additional information, please contact Ms. Lisa Holstein, <u>lisa.holstein@us.army.mil</u>, 256-848-7455.

Sincerely,

NUTTALL.OWEN.MO NROE.1229654930 Date: 2018.02.28 07:23:29 -05'00'

Owen Nuttall Site Manager

Enclosures

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
		MDA		MDA Environmental Covenant			Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easement. ESS Amendment 10 states a surface sweep will be performed on Supplemental EE/CA Sectors NT-1N and NT-2 (where no MEC was found) and clearance to one-foot at locations of any surface MEC encountered. M6-1M Suspect Area (N)-PR, M6-1M Transect Area 2 (North)-PR, and M6-1M Burn Pit-PR will be cleared to one-foot and requires prohibition on digging and signage. The portion of M6-1M Suspect Area (N)-PR that is not in the park system will be cleared to depth. It appears the ESS requirement for signage is missing from the covenant. The After Action Report (March 2014) for MRS-12 documents a total of 64.6 acres (Tract 12D) were surface cleared, 81.1 acres (Tracts 12-A, 12B, and 12C) were cleared to a depth of one foot, and 1.56 acres (Tract 12D) were surface sufficient. Total acreage addressed 147.26. ADEM concurred with the report 5Jun14. The Environmental Covenant comprises 95.28 acres and includes Area 1 (7.35 acres of Tract C), Area 2 (42.09 acres of Tract A, 22.85
Alpha Area MRS-12 Area 1 , Area 2, and Area 3.	N/A	Environmental Covenant Exhibit A	After Action Report March 2014	Number FY-16-03.00 Recorded in Deed Book 3200 Page 665 on March 22, 2016	MDA		Acres of Tract B and 20.32 acres of Tract D) and Area 3 (2.67 acres of Tract B). It appears the surface sweep area and the step-out areas with one-foot clearance were not included in the covenant boundary.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							The use of groundwater beneath the property for any purpose other than groundwater monitoring is prohibited; Prohibition on intrusive activities without EOD (explosive ordnance disposal personnel) or UXO-qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered; and Grantor reserves an access easement. ESS Amendment 09 states the MRS will be cleared to depth in locations not designated as park system, and cleared to one-foot in locations designated as park system, except Area ST-2 which will be surface cleared. Signage will be posted prohibiting digging in locations designated as park system. It appears the ESS requirement for signage is missing from the covenant. The After Action Report (March 2014) for MRS-13 documents a total of 66 acres in Tract E that were cleared to a depth of one foot, and 3.45 acres in Tract A that were cleared to depth of detection. ADEM concurred with the report 5Jun14.
Alpha Area MRS-13		MDA Environmental Covenant	After Action Report March	MDA Environmental Covenant Number FY-12-01.01 Recorded in Deed Book 3228 Page 892			Tract A, MRS-13 Tract B, MRS-13 Tract C, MRS-13 Tract E. Environmental Covenant Tract B comprises 1.24 acres in MRS-13 Tract D. It appears the step-out areas with one-foot clearance were
Tracts A and B	N/A	Exhibit B	2014	on February 9, 2018	MDA	MDA	not included in the covenant boundary.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
Alpha Area Southern Alpha Cemetery and BGR	N/A	MDA Environmental Covenant Exhibit A	After Action Report and Addendum April 2010 and January 2015	MDA Environmental Covenant Number FY-15-02.00 Recorded in Deed Book 3194 Page 233 on October 5, 2015	MDA	MDA	Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Cemetery Boundary or within the confines of an area three feet either side and including the area underneath Bains Gap Road of the Covenant Boundary; and Grantor reserves an access easment. Original ESS requires clearance to depth on 132 acres, on-call construction support and states that an amendment requesting DDESB approval will be submitted for any site classified as having a "Moderate to High" likelihood of encountering MEC per 6055.9 Chapter 12. It appears the exception areas were not addressed in the ESS. The AAR (April 2010) documents 137 acres in Southern Alpha were cleared to depth. The Addendum (January 2015) documents clearance to depth in "exception areas" except Bains Gap Road and a cemetery covering grid 2AQ24 and portions of seven adjacent grids. ADEM concurred with the report and addendum 2Jul15. The Environmental Covenant comprises 1 acre cemetery and 0.8 acre of Bains Gap Road. The legal description for Bains Gap Road is not in the covenant. Point of Beginning of the legal description for the cemetery is incorrectly described.
Area North of MOUT	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
Baby Bains Gap Road Ranges, Range 18, Range 20, Range23, Range 26, Range 25, Range 25 East, Range 28, Ranges South of Range 25, and Probable Iimpact Area	74Q, 76Q-X, 79Q, 84Q-X, 83Q and 118Q-X, 223Q, 86Q, 224Q and 226Q, and 227Q	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions. Approximately 39.7 acres (entire Parcel 118Q-X, Baby Bains Gap Road Range - Former Main Post Impact Area, Range 25 Backstop, and portions of Parcel 83Q, Baby Bains Gap Road - Range 25) are included in MDA Environmental Covenant Number FY-15-01.00.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
		MDA	CMIR	MDA Environmental Covenant Number FY-15-01.00			Residential use of the property is prohibited within the area identified on the MRS-1 boundary map consisting of the entire Parcel 118Q-X (Baby Bains Gap Road Range - Former Main Post Impact Area, Range 25 Backstop) and portions of 83Q (Baby Bains Gap Road - Range 25); and Grantor reserves an access easment. The CMIR (January 2015) documents the removal and disposal of approximately 22,500 tons of metals contaminated soil from Range 25, Ranges South of Range 25 and Range 26 based on ecological cleanup levels for lead, antimony, zinc, and copper. LUCs are necessary because areas of soil with lead concentrations greater than the residential use limit still remain. ADEM concurred with the report 26Feb15. The Environmental Covenant area comprises 39.7 acres. It appears there is an error in the covenant; the unrestricted area should be 113.3 acres (total MRS-1 area) minus 30.7 acres (restricted area) minus IMR acres that fall within Wthin MRS-1 minus BGR acres that
Baby Bains Gap Road Ranges, Range 25	83Q and 118Q	Covenant Exhibit A	January 2015	Recorded in Deed Book 3194 Page 219 on October 5, 2015	MDA	MDA	fall within MRS-1. Additionally, the legal description for the 39.7 acre restricted area does not match Appendix A of the covenant.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of an area three feet either side and including the area underneath both the Industrial Access Road and Bains Gap Road of the Covenant Boundary; Residential use of the property is prohibited within the area identified on the MRS-1 boundary map consisting of the entire Parcel 118Q-X (BBGR Ranges - Former Main Post Impact Area, Range 25 Backstop) and portions of 83Q (BBGR Ranges - Range 25); and Grantor reserves an access easment.
							Original ESS states an 8.5-acre area consisting of a swath 100 feet from the southern edge of Bains Gap Road will be surface cleared and a small portion north of the road located along the western end of the road will be cleared to depth. Surface clearance south of the road is an interim remedy. Amendment 01 expands the 8.5 acre area to a 108 acre area and requires clearance to depth. It appears the exception areas were not addressed in the ESS.
							The AAR (April 2010) for MRS-1 documents 115 acre clearance to depth. The Addendum (January 2015) documents clearance to depth in "exception areas" except Bains Gap Road and Iron Mountain Road. ADEM concurred with the report and addendum 2Jul15.
Bravo Area MRS-1 South Side of Bains Gap Road and East Side of Industrial Access Road (Iron Mountain Road)	N/A	MDA Environmental Covenant Exhibit A	After Action Report and Addendum April 2010 and January 2015	MDA Environmental Covenant Number FY-15-01.00 Recorded in Deed Book 3194 Page 219 on October 5. 2015	MDA	MDA	The Environmental Covenant area comprises 39.7 acres. It appears there is an error in the covenant; the unrestricted area should be 113.3 acres (total MRS-1 area) minus 39.7 acres (restricted area) minus IMR acres that fall within MRS-1 minus BGR acres that fall within MRS-1. Additionally, the legal description for the 39.7 acre restricted area does not match Appendix A of the covenant.

			Source				
			Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment. ESS Amendment 14 states the MRS-11 Tracts 11-A and 11-B will be cleared to a depth of one-foot, Tract 11-C will be cleared to depth, and Tract 11-D will be surface cleared. Tract 11-D includes step-outs from MRS-7 that will be cleared to depth. The remaining acreage in MRS-11 is suitable for unrestricted future use with NFA and deed notification. The Action memorandum requires prohibition on digging without construction support and recurring reviews every five years. It appears an Explaination of Significant Differences is needed.
							The After Action Report (March 2016) for MRS-11 documents a total of 916 acres not designated for clearance actions because they were approved for unrestricted future use with a LUC consisting of a deed notice (Reference Action Memorandum, July 2013), 48.9 acres (11D) were surface cleared, 19.3 acres (11A) and 15.1 acres (11B) were cleared to a depth one foot, and 14.4 acres (11C) were cleared to depth of detection. Exception area located in Tract 11B within 3 feet of either side and underneath IAR. ADEM concurred with the report 12Sep16.
Bravo Area MRS-11		MDA		MDA Environmental Covenant			beyond both edges of the pavement. It appears the one-foot
Tract 11B Iron Mountain		Environmental	After Action	Number FY-17-02.00			clearance areas and the step-out areas with one-foot clearance were
Road aka Industrial	NI/A	Covenant	Report March	Recorded in Deed Book 3222 Page 222		MDA	not included in the covenant boundary.
Access Road	N/A	Exhibit Drawing	2016	on August 31, 2017	MDA	MDA	not included in the covenant boundary.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment. ESS Amendment 2 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant. The After Action Report (December 2016) for MRS-2 documents a total of 158 acres (Tracts 2D, 2F, 2H, and 2J) were cleared to a depth of one foot, and 396.5 acres (Tracts 2A, 2B, 2C, 2E, 2G, 2I, 2K, and 2L) were cleared to depth of detection. Remaining exception areas include archeological site (01CA156), Industrial Access Road, Cassell Way, Town Center Drive, and Halifax Avenue. One concrete rubble fill area was surface cleared, but not designated as an exception area because it is located within the McClellan Park System. ADEM concurred with the report 27Jan17.
Bravo Area MRS-2 (Includes Industrial Access Road)	N/A	MDA Environmental Covenant Exhibit Drawing	After Action Report December 2016	MDA Environmental Covenant Number FY-17-01.00 Recorded in Deed Book 3221 Page 870 on August 24, 2017	MDA		2-Da (1.26 acres), Tract 2-Db (13.77 acres), Tract 2-Dc (3.90 acres) Tract 2-Dd (6.89 acres), Tract 2-De (10.18 acres), Tract 2-F (32.69 acres), Tract 2-Ha (19.80 acres), Tract 2-Hb (23.57 acres), Tract 2-J (39.21 acres), Archaeology Site Boundary (0.15 acre), and three feet either side and underneath the Industrial Access Road, Cassell Way, Town Center Drive, and halifax Avenue.

			Source Document(s)				
Site Name	EBS Parcel Label	Site Location Reference	or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment.
							Original ESS requires on-call construction support and states that an amendment requesting DDESB approval will be submitted for any site classified as having a "Moderate to High" likelihood of encountering MEC per 6055.9 Chapter 12. ESS Amendment 3 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant.
							The After Action Report (February 2017) for MRS-3 documents a total of 190.25 acres (Tracts A, B, C, and D) were cleared to a depth of one foot, and 242.12 acres (Tracts E, F, G, and H) were cleared to depth of detection. FCR #6 changed the eastern most part of Tract 3E step-out area from digital geophysics w/clearance to depth to analog geophysics w/clearance to depth; however, the step-out area was only cleared to one foot depth.
Bravo Area MRS-3 (Includes Dog Kennel Area)	N/A	MDA Environmental Covenant Exhibit Drawing	After Action Report February 2017	MDA Environmental Covenant Number FY-18-01.00 Recorded in Deed Book 3227 Page 366 on December 28, 2017	MDA	MDA	Environmental Covenant includes Tract 3-Aa (40.45 acres), Tract 3- Ab (10.61 acres), Tract 3-B (32.77 acres), Tract 3-C (39.43 acres), and Tract 3-D (48.70 acres). It appears the step-out areas with one- foot clearance were not included in the covenant boundary.
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availablity, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment.
							ESS Amendment 8 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant.
							The After Action Report (April 2016) for MRS-4 documents a total of 78.01 acres were cleared to a depth of one foot, and 218.36 acres were cleared to depth of detection. ADEM concurred with the report 6Sep16.
Bravo Area MRS-4 Tracts 4-E, 4-F, and 4-G	N/A	MDA Environmental Covenant Exhibit Drawing	After Action Report April 2016	MDA Environmental Covenant Number FY-17-04.00 Recorded in Deed Book 3222 Page 232 on August 31, 2017	MDA	MDA	Environmental Covenant comprises 77.97 acres and includes Tract 4- E (33.52 acres), Tract 4-F (37.42 acres), Tract 4-G (two parcels consisting of 4.75 acres and 2.28 acres).

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
Bravo Area MRS-5 Tracts 5-D and 5-E	N/A	MDA Environmental Covenant Exhibit A	After Action Report September 2015	MDA Environmental Covenant Number FY-16-01.00 Recorded in Deed Book 3200 Page 650 on March 22, 2016	MDA		Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment. ESS Amendment 13 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant. The After Action Report (September 2015) for MRS-5 documents a total of 111.26 acres (Tracts D and E) were cleared to a depth of one foot, and 121.04 acres (Tracts A, B, and C) were cleared to depth of detection. ADEM concurred with the report 22Jan16. The Environmental Covenant comprises 110.85 acres and includes MRS-5 Tracts 5-D and 5-E. It appears the step-out areas with one- foot clearance were not included in the covenant boundary.
Bravo Area MRS-6 Tracts 6-A and 6-B	N/A	MDA Environmental Covenant Exhibit A	After Action Report March 2016	MDA Environmental Covenant Number FY-16-02.00 Recorded in Deed Book 3200 Page 637 on March 22, 2016	MDA		Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment. ESS Amendment 05 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant. The After Action Report (March 2016) for MRS-6 documents a total of 28.01 acres (Tracts A and B) were cleared to a depth of one foot, and 109.50 acres (Tracts C and D) were cleared to depth of detection. ADEM concurred with the report 27Jan17. The Environmental Covenant comprises 27.39 acres. Area 6-A is 16.14 acres and Area 6-B is 11.25 acres. It appears the step-out areas with one-foot clearance were not included in the covenant

			Source				
			Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment.
							Original ESS requires on-call construction support and states that an amendment requesting DDESB approval will be submitted for any site classified as having a "Moderate to High" likelihood of encountering MEC per 6055.9 Chapter 12. ESS Amendment 6 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant.
							The After Action Report (September 2017) for MRS-8 documents a total of 44.12 acres (Tracts D and E) were cleared to a depth of one foot, and 134.25 acres (Tracts A, B, and C) were cleared to depth of detection.
Bravo Area MRS-8 (Includes Planning Area 4)	N/A	MDA Environmental Covenant Exhibit Drawing	After Action Report September 2017	MDA Environmental Covenant Number FY-18-02.00 Recorded in Deed Book 3227 Page 281 on December 28, 2017	MDA	MDA	Environmental Covenant comprises 42.36 acres and includes Tract 8- D (20.72 acres), and Tract 8-E (21.64 acres). It appears the step-out areas with one-foot clearance were not included in the covenant boundary.
							Prohibition on intrusive activities without EOD or UXO qualified personnel being contacted to ensure their availability, advised about the project, and placed "on-call" to assist if suspected UXO are encountered during construction activities within the confines of the Covenant Boundary; and Grantor reserves an access easment.
							ESS Amendment 11 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for signage is missing from the covenant.
							The After Action Report (August 2016, Revised March 2017) for MRS- 9 documents a total of 122.64 acres were cleared to a depth of one foot, and 13.47 acres were cleared to depth of detection. ADEM concurred with the report 28Nov16.
Bravo Area MRS-9	N/A	MDA Environmental Covenant Exhibit Drawing	After Action Report August 2016, Revised March 2017	MDA Environmental Covenant Number FY-18-03.00 Recorded in Deed Book 3227 Page 392 on December 28, 2017	MDA	MDA	Environmental Covenant comprises 122.77 acres and includes Tract 9-B (39.22 acres), Tract 9-C (38.21 acres), Tract 9-D (45.34 2.28 acres).

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
	Includes: 82Q-X, 88(6), 108(7), 112Q, 113Q-X, 187(7), 213Q, 214Q, 87Q-X, 111Q, 76Q-X, 84Q- X, 223Q, 77Q, 78Q, 80Q, 85Q, 109Q-X, 89Q-X, 215Q, 137Q-X, 82(7)	LUCAP Appendix B ECOP LUCIP Enclosures 1 thru 8 Figures	ECOP April 2003	Interim LUCIP	FWS	Army and FWS	Public access is not allowed in certain areas as shown in the ECOP LUCIP Enclosure 1 Figure. FWS management activities are allowed in certain portions of the "No Public Access" areas (also shown on the ECOP LUCIP Enclosure 1 Figure) provided they receive a safety briefing and coordinate with the Army prior to entry. Access control measures (gates, fences, barricades and warning/safety signs) are inspected daily.
Eastern Bypass "Y" Area Junction	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	SSFR May 2007	Interim LUCIP	MDA	MDA	ADEM requires construction support in letter dated 18May05. The SSFR (May 2007) documents MEC clearance to depth and construction support requirement for the 60 acre area. ADEM concurred with the report 28Jun07.
							Site workers shall be notified of the military's use of the property for live fire and other training and of the potential for MEC to remain. Munitions familiarization training shall be provided to persons involved in any excavation activities throughout OES2. Site access shall be granted only to those persons who have viewed the UXO safety video. Excavation activities are prohibited in the Construction Debris Grids. The property impacted by the Iron Mountain Road Ranges is restricted to commercial or industrial activities. ALDOT shall maintain training records.
							The SSFR (April 2006) for the Eastern Bypass documents clearance to depth for OES2 with the exception of 30 grids that have high content of construction debris. At least 4 feet of fill was deposited on the grids that were not cleared during construction of the bypass. ADEM concurred with the report on 25May06.
Eastern Bypass OES2	69Q, 70Q, 71Q,	LUCAP Appendix C Eastern Bypass OES2 LUCIP Information Figure 1 and Figure 2	FOST October 2008	Final LUCIP	ALDOT	ALDOT	The Removal Action Report (March 2006) for Iron Mountain Road Ranges documents remedial activities to remove lead contaminated soil at 0.6 acres of Range 12 located within the EBC. The remedial goal was the industrial cleanup level of 880 mg/kg. No excavation activities were required in the EBC areas of the Skeet Range or Range 13 because lead concentrations were less than 880 mg/kg. ADEM concurred with the report 26May06.

Office Names	EBS	Site Location	Source Document(s) or Decision	LUCIP/Covenant	Site	Implementing	Proveder
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks The facility shall inspect and maintain the engineered landfill cap;
							Residential use is prohibited; Use of the property is restricted to surface use only; Digging or excavation is prohibited; installation of any well for extraction of groundwater for consumptive or other uses is prohibited; and Grantor reserves an access easment. The CMIR (December 2012) concluded the landfill cover was
		MDA Environmental		MDA Environmental Covenant Number FY-13-01.00			inspected, repaired, and re-vegetated, monuments were installed, signs prohibiting intrusive activities were posted, groundwater monitoring wells were abandoned, a final as-built site survey was performed, and annual inspection/repairs are required. ADEM concurred with the report 27Jun14.
Fill Area North of Landfill No. 2 Tract A and B	230(7)	Covenant Exhibit Drawing	CMIR December 2012	Recorded in Deed Book 3173 Page 92 on April 18, 2014	MDA DHS	MDA	The Environmental Covenant Tract A (DHS Property) comprises 0.10 acres and Tract B comprises 2.22 acres.
		MDA	CMIR for Landfill	MDA Environmental Covenant			Engineering controls of clay or soil are to be maintained; Residential use of the property is prohibited; Use of the property is restricted to surface use only; Digging or excavation is prohibited; Groundwater monitoring wells shall not be disturbed; Wells located on property that is transferred or leased are to remain accessible; installation of any well for extraction of groundwater for consumptive or other uses is prohibited; and Grantor reserves an access easment. The CMIR (April 2008, Revised May 2010) documents the excavation of 11,448 CY of non-hazardous solid waste from the ROW of the Industrial Access Road and relocation within the northern limits of the site, construction of a soil cover, installation of boundary survey markers, and post closure care/monitoring requirements. ADEM concurred with the report 14Mar12. Site groundwater is being
Fill Area Northwest of		Environmental Covenant	Cover April 2008, Revised	Number FY-11-01.00 Recorded in Deed Book 3140 Page 261			addressed separately.
Reilly Air Field Former 37mm Antitank Range and Former Rifle	229(7)	MDA Environmental Covenant	May 2010 FOSET	on September 23, 2011 MDA Environmental Covenant Number FY-12-01.01 Recorded in Deed Book 3228 Page 892	MDA		The Environmental Covenant area comprises 7.35 acres. Public access is not allowed and use of the property for any purpose is not allowed pending completion of the remedy. The use of groundwater beneath the property for any purpose other than groundwater monitoring is prohibited; and Grantor reserves an access easement.
Range	230Q-X and 149Q	Exhibit B	September 2003	on February 9, 2018	MDA	MDA	Environmental Covenant area comprises 25.87 acres.

			Source				
			Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
							Consumptive or other use and direct contact with groundwater is not
							allowed; If and when property is developed, intrusive activities may
							require appropriate precautions IAW local, state and federal
							regulations; If and when a building is constructed, an evaluation of
							the potential for vapor intrusion will be performed; Use of site
							groundwater for potable water, irrigation, industrial and agricultureal
							applications is not allowed; Installation of any well for extraction of
							groundwater for consumptive or other uses is prohibited; If
							groundwater monitoring wells or a remediation system remain on and/or around the property, these areas shall not be disturbed. Wells
							and/or a remediation system located on property that is transferred or
							leased will remain accessible; and Grantor reserves an access
							easement.
							The CMIR (September 2014) documents LUCs and MNA as the
							remedy for contaminated groundwater. CMERs documenting the
							progress of achieving RAOs for chlorinated solvents in site
		MDA		MDA Environmental Covenant			groundwater will be submitted annually. ADEM concurred with the
Former Chemical		Environmental		Number FY-12-08.00			report 19Sep14.
Laundry/		Covenant	CMIR	Recorded in Deed Book 3177 Page 894			
Motor Pool Area 1500	94(7)	Exhibit A	September 2014	on August 13, 2014	MDA	MDA	The Environmental Covenant area comprises 2.23 acres.
		LUCAP					
		Appendix B FOSET LUCIP					Public access is not allowed. Use of the property for any purpose is
Former Large Caliber		Enclosure 11	FOSET				not allowed pending completion of characterization and any required
Weapons Range	114Q-X	Figure	September 2003	Interim LUCIP	MDA	MDA	response actions.
							Residential use of the property is prohibited within the area identified
							on Exhibit A. Residential uses include, but are not limited to, housing,
							daycare facilities, playgrounds and schools (excluding education and
							training programs for persons over 18 years of age), and assisted
							living facilities; and Grantor reserves an access easement.
							Supplemental Investigation Report, April 2016, Revised August 2016,
							Revised January 2017 concluded the following: antimony, copper
			Supplemental				and lead exceeded residential preliminary screening values in at
			Investigation,				least one surface soil sample; antimony, cadmium, copper, lead,
			Former Pistol				selenium, and zinc exceeded ecological screening values in at least
			Range, Parcel OA-03				one surface soil sample; and no human health or ecological COPS or
		MDA	April 2016,	MDA Environmental Covenant			COPECs were identified in subsurface soils. ADEM concurred with
		Environmental	Revised August	Number FY-12-01.01			the report 26Jan17.
		Covenant	2016, Revised	Recorded in Deed Book 3228 Page 892			
Former Pistol Range	N/A	Exhibit A	January 2017	on February 9, 2018	MDA	MDA	The Environmental Covenant area comprises 6.6 acres.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
Former Post Garbage Dumo and Fill Area East		MDA Environmental Covenant	CMIR	MDA Environmental Covenant Number FY-11-01.00 Recorded in Deed Book 3140 Page 261			Engineering controls of clay or soil are to be maintained; Residential use of the property is prohibited; Use of the property is restricted to surface use only; Digging or excavation is prohibited; Groundwater monitoring wells shall not be disturbed; Wells located on property that is transferred or leased are to remain accessible; Installation of any well for extraction of groundwater for consumptive or other uses is prohibited; and Grantor reserves an access easment. The CMIR (September 2012) concluded landfill covers were inspected and repaired, eight boundary monuments were installed, signs prohibiting intrusive activities were posted, and annual inspection/repairs are required. ADEM concurred with the report 7Jan13.
	126(7) and 227(7)	Exhibit B	October 2012	on September 23, 2011	MDA	MDA	The Environmental Covenant area comprises 14.71 acres.
							Consumptive use or direct contact with groundwater is not allowed; Installation of any well for extraction of groundwater for consumptive or other uses is prohibited; If groundwater monitoring wells or a remediation system remain on and/or around the property, these areas shall not be disturbed. Wells and/or a remediation system located on property that is transferred or leased will remain accessible; and Grantor reserves an access easment.
		MDA		MDA Environmental Covenant			The CMIR (January 2013) concluded six groundwater monitoring wells located in the target treatment area were abandoned, soil was treated with anhydrous quicklime application, groundwater was treated with potassium permanganate application, site was restored and re-vegetated, five of the previously abandoned groundwater monitoring wells were replaced. Groundwater monitoring will be performed quarterly for the first year and semi-annually for two years (per the CMIP). ADEM concurred with the report 30May13 and stated that additional rounds of groundwater sampling will likely be required.
Former Small Weapons		Environmental Covenant	CMIR	Number FY-12-07.00 Recorded in Deed Book 3156 Page 827			inal additional rounds of groundwater sampling will likely be required.
	66(7)	Exhibit A	January 2013	on March 7, 2013	MDA	MDA	The Environmental Covenant area comprises .54 acres.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							Consumptive or other use or direct contact with groundwater is not allowed; Installation of any well for extraction of groundwater for consumptive or other uses is prohibited; all eleven parcels are restricted to commercial and industrial development; and MDA Co- Grantor reserves an access easment.
							The DD (August 2003) presents the determination that deed restrictions are necessary due to low levels of contaminants in groundwater and soil contamination caused by lead -based paint. ADEM concurred with the FOST that reflected the decision on 22Sep03.
GSA Warehouse Area	151(4), 2(4), 3(4), 4(4), 67(4), 69(4), 91(4), 111(4), 128(4), 129(4), 238(4)	MDA Environmental Covenant Exhibit A	DD dtd - August 2003 Signed - October 8, 2003	MDA Environmental Covenant Number FY-12-04.00 Recorded in Deed Book 3156 Page 333 on February 25, 2013	MDA City of Anniston A.W. Group, LLC	MDA	The Environmental Covenant includes City of Anniston Property (Parcel 151(4) = 0.55 acres); A.W. Group, LLC Property (Parcel 151(4) Tract 1 = 2.68 acres, Tract 2 = 1.26 acres, Tract 3 = 2.00 acres); and MDA Property (Parcel 2(4) = 137 sq ft, Parcel 3(4) = 0.10 acres, Parcel 4(4) = 0.22 acres, Parcel 67(4) = 0.43 acres, Parcel 69(4) = 0.10 acres, Parcel 91(4) = 0.03 acres, Parcel 111(4) = 0.23 acres, Parcel 128(4) = 0.15 acres, Parcel 129(4) = 0.02 acres, Parcel 151(4) = 38.34 acres, Parcel 238(4) = 0.24 acres).
Impact Area Range 30 and Former Rifle/Machine Gun Range	88Q and 103Q	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
Impact Area South of Prisoner-of-War Training Facility, Former Rifle/ Machine Gun Ranges	100Q and 101Q	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
Industrial Landfill	175(5)	LUCAP Appendix B FOSET LUCIP Enclosure 6 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Digging or disturbance of soils is not allowed. Consumptive use or direct contact with groundwater is not allowed.
Iron Mountain Road Ranges	69Q, 70Q, 71Q, 75Q, 221Q-X, and 222Q-X	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.

			Source				
			Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
							The facility shall inspect and maintain engineered landfill cap;
							Residential use is prohibited; Use of the property is restricted to
							surface use only; Digging or excavation is prohibited; installation of
							any well for extraction of groundwater for consumptive or other uses
							is prohibited; and Grantor reserves an access easment.
							The CMIR (September 2012) concluded the landfill cover was
							inspected, repaired, and re-vegetated, monuments were installed,
							signs prohibiting intrusive activities were posted, and annual
		MDA		MDA Environmental Covenant			inspection/repairs are required. ADEM concurred with the report
		Environmental		Number FY-12-02.00			7Jan13.
Landfill # 1	78(6)	Covenant Exhibit A	CMIR October 2012	Recorded in Deed Book 3151 Page 708 on October 17,2012	MDA	MDA	The Environmental Covenant area comprises 12.24 acres.
	10(0)	Exhibit A	0010001 2012		NIDA	WDA	The facility shall inspect and maintain engineered landfill cap;
							Residential use is prohibited; Use of the property is restricted to
							surface use only; Digging or excavation is prohibited; installation of
							any well for extraction of groundwater for consumptive or other uses
							is prohibited; and Grantor reserves an access easment.
							The CMID (Ostahor 2012) concluded the lendfill source upo
							The CMIR (October 2012) concluded the landfill cover was inspected, repaired, and re-vegetated, monuments were installed,
							signs prohibiting intrusive activities were posted, and annual
							inspection/repairs are required. ADEM concurred with the report
							7Jan13.
							The Environmental Covenant comprise 5.42 acres. It appears the shape of the landfill in the covenant does not match the shape of the
							landfill in the CMIR or the ESCA. The portion of the landfill that
		MDA Environmental	CMIR	MDA Environmental Covenant Number FY-12-05.00			extends into DHS property is not included in the covenant.
		Covenant	October	Recorded in Deed Book 3151 Page 718	MDA		Additionally, 6 of the 8 monuments are not included in the covenant
Landfill # 2	79(6)	Exhibit A	2012	on October 17,2012	DHS	MDA	boundary.
							Residential Use of the property is not allowed. Digging or disturbance
							of soils is not allowed. Consumptive use or direct contact with
							groundwater is not allowed.
		LUCAP					The CMIR (April 2008, Revised May 2010) documents the construction of a soil cover, installation of boundary survey markers
		Appendix B					and post closure care/monitoring requirements. ADEM concurred
		FOSET LUCIP Enclosure 5	FOSET				with the report 14Mar12. Site groundwater is being addressed
Landfill # 3	80(6)	Figure	September 2003	Interim LUCIP	MDA	MDA	separately.
		LUCAP					
		Appendix B					
		FOSET LUCIP Enclosure 6	FOSET				Digging or disturbance of soils is not allowed. Consumptive use or
Landfill # 4	81(5)	Figure	September 2003	Interim LUCIP	MDA	MDA	direct contact with groundwater is not allowed.
	11 117		2000				

			Courses				
			Source Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
		Environmental					
		Services					
		Cooperative					
		Agreement Areas Covered	SSFR				ADEM requires construction support in letter dated 18May05.
		by	March 2003				
		Environmental	and				The SSFR (March 2003) and Final Letter Report (November 2006)
		Services	Final Letter				document a MEC clearance to 1-foot depth and construction support requirement for the 97 acre area. ADEM concurred with the Final
M1.01 Area and M3 Miscellaneous Property	N/A	(ACES) Map 11Sep07	Report November 2006	Requires Covenant	MDA	MDA	Letter Report 19Jan07.
Wildoollanoodo Property			November 2000		NIDA	WDA	
		LUCAP Appendix B					
		FOSET LUCIP					Public access is not allowed. Use of the property for any purpose is
Mock Village at Yahoo		Enclosure 11	FOSET				not allowed pending completion of characterization and any required
Lake	130Q-X	Figure	September 2003	Interim LUCIP	MDA	MDA	response actions.
							Use of groundwater for potable water, irrigation, industrial and
							agricultural applications is not allowed; installation of any well for extraction of groundwater for consumptive or other uses is
							prohibited; and Grantor reserves an access easment.
							The Groundwater Sampling Report (April 2011) concluded benzene
							and total xylenes exceeded residential RBTLs and 1,1,2,2-PCA
							(considered to be related to Training Area T-5 activities) exceeded the residential and groundskeeper RBTLs. ADEM concurred with the
							report 6May11.
		MDA	June 2006	MDA Environmental Covenant			
		Environmental	Groundwater	Number FY-12-03.00			The Environmental Covenant area comprises 5.78 acres (Parcel
	24(7), 25(7), 73(7), 212(7), and	Covenant	Sampling Report	Recorded in Deed Book 3150 Page 660			24(7) = 0.02 acres, Parcel 25(7) = 0.02 acres, Parcel 73(7) = 0.29
Motor Pool Area 3100	146(7)	Exhibit B	April 2011	on September 21, 2012	MDA	MDA	acres, Parcel 146(7) = 5.43 acres, Parcel 212(7) = 0.02 acres).
		LUCAP					
		Appendix B					Dublic second is not allowed the state state for any surpose is
		FOSET LUCIP Enclosure 11	FOSET				Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required
Range 16	72Q-X and 150Q	Figure	September 2003	Interim LUCIP	MDA	MDA	response actions.
		LUCAP					
		Appendix B					Dublic second is not ellowed they of the set of the second s
	970 X 1100 1110 and	FOSET LUCIP	FOSET				Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required
Range 29	87Q-X, 110Q, 111Q, and 239Q-X	Enclosure 11 Figure	FOSE I September 2003	Interim LUCIP	MDA	MDA	response actions.
		LUCAP	21,0000				
		Appendix B					
		FOSET LUCIP	FORFT				Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required
Training Area T-31	184(7) and 185(7)	Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	not allowed pending completion of characterization and any required response actions.
Training Area 1-51		riguie			IVIDA	INIDA	

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing	Remarks
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Public access is not allowed and use of the property for any purpose
Training Area T-38	186(6)	MDA Environmental Covenant Exhibit A	FOSET September 2003	MDA Environmental Covenant Number FY-12-01.01 Recorded in Deed Book 3228 Page 892 on February 9, 2018	MDA	MDA	rubic access is not allowed and use of the property for any purpose is not allowed pending completion of the remedy. The use of groundwater beneath the property for any purpose other than groundwater monitoring is prohibited; and Grantor reserves an access easement. The Environmental Covenant area comprises 154.5 acres.
Training Area T-5 Sites (includes Former Detection and Identification Area, Training Area T-5, Black Top Training Area, Fenced Yard in Black Top Area, Dog Training Area, Old Burn Pit, and Dog Kennel Area)	180(7), 182(7), 511(7), 512(7) 513(7), 514(7), and 516(7)	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							Consumptive use or direct contact with groundwater is not allowed; Public access and use of the property for any purpose is not allowed pending completion of the remedy; Installation of any well for extraction of groundwater for consumptive or other uses is prohibited; Groundwater monitoring wells remain on and/or around the property and shall not be disturbed. Wells located on property that is transferred or leased will remain accessible; and Grantor reserves an access easment. The CMIR (September 2012) documents construction of the soil vacuum extraction/air sparge remediation system, collection of groundwater samples in February 2010 to establish baseline conditions, initiation of system operations in March 2010 and ongoing sampling to monitor the effectiveness of the remedy. Corrective Action COCs (1,1,2,2-tetrachloroethane [1,1,2,2-PCA],
Training Area T-6 and Cane Creek Training Area	183(6) and 510(7)	MDA Environmental Covenant Exhibit A	CMIR September 2012	MDA Environmental Covenant Number FY-12-06.00 Recorded in Deed Book 3156 Page 817 on March 7, 2013	MDA	MDA	tetrachloroethene [PCE], and trichloroethene [TCE] and one of the degredation products (vinyl chloride) exceed groundskeeper risk- based target levels. ADEM concurred with the report 9Aug13. The Environmental Covenant area comprises 8.75 acres.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							Consumptive use or direct contact with groundwater is not allowed; Installation of any well for extraction of groundwater for consumptive or other uses is prohibited; and Grantor reserves an access easment.
			June 2006				The Groundwater Sampling Report concluded concentrations of carbon tetrachloride exceeded residential SSSLs and requested NFA with LUCs. ADEM concurred with the report and request on 8Jul08.
Washrack Soldier's Chapel	127(7)	MDA Environmental Covenant Exhibit A	Groundwater Sampling Report January 2008	MDA Environmental Covenant Number FY-12-03.00 Recorded in Deed Book 3150 Page 660 on September 21, 2012	MDA	MDA	The Environmental Covenant area comprises 2.4 acres. Final Report of Corrective Measures, July 2015. ADEM concurred 23Nov16.
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							Original ESS requires clearance to depth, on-call construction support and states that an amendment requesting DDESB approval will be submitted for any site classified as having a "Moderate to High" likelihood of encountering MEC per 6055.9 Chapter 12. ESS
		LUCAP Appendix B FOSET LUCIP					Amendment 13 requires prohibition on digging and signage in areas designated for one-foot clearance. The After Action Report (October 2014) documents a total of 27
Alpha Area Northern Alpha	N/A	Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	acres were cleared to depth of detection. There are no exception areas. ADEM concurred with the report on 1Dec14.
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							Original ESS requires clearance to depth on 132 acres, on-call construction support and states that an amendment requesting DDESB approval will be submitted for any site classified as having a "Moderate to High" likelihood of encountering MEC per 6055.9 Chapter 12.
		LUCAP Appendix B					The AAR (April 2010) documents 137 acres in Southern Alpha were cleared to depth. The Addendum (January 2015) documents clearance to depth in "exception areas" except Bains Gap Road and a cemetery covering grid 2AQ24 and portions of seven adjacent grids. ADEM concurred with the report and addendum 2Jul15.
Alpha Area Southern Alpha	N/A	FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Approximately 1 acre (Cemetery) and 0.8 acre Bains Gap Road are included in MDA Environmental Covenant Number FY-15-02.00.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
Alpha Area M5-1L- (North) PR	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The Army requested NFA in letter dated 13Aug03. The EE/CA was finalized in September 2003. ADEM concurred with the Army letter on 30Sep03. The Action Memorandum was finalized in August 2005. ADEM concurred with the Action Memorandum 4Oct05.
Alpha Area M6-1L Remainder-I/AR	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA		The Army requested NFA in letter dated 13Aug03. The EE/CA was finalized in September 2003. ADEM concurred with the Army letter on 30Sep03. The Action Memorandum was finalized in August 2005. ADEM concurred with the Action Memorandum 4Oct05.
Alpha Area M6-1M Remainder-I/AR	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The Army requested NFA for part of the site in letter dated 13Aug03. The EE/CA was finalized in September 2003. ADEM concurred with the Army letter on 30Sep03. The Action Memorandum was finalized in August 2005. ADEM concurred with the Action Memorandum 4Oct05.
Alpha Area M6-1M Remainder-PR	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The Army requested NFA for part of the site in letter dated 13Aug03. The EE/CA was finalized in September 2003. ADEM concurred with the Army letter on 30Sep03. The Action Memorandum was finalized in August 2005. ADEM concurred with the Action Memorandum 4Oct05.
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions. ESS Amendment 10 states a surface sweep will be performed on Supplemental EE/CA Sectors NT-1N and NT-2 (where no MEC was found) and clearance to one-foot at locations of any surface MEC encountered. M6-1M Suspect Area (N)-PR, M6-1M Transect Area 2 (North)-PR, and M6-1M Burn Pit-PR will be cleared to one-foot and requires prohibition on digging and signage. The portion of M6-1M Suspect Area (N)-PR that is not in the park system will be cleared to depth.
Alpha Area MRS-12	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA		The After Action Report (March 2014) for MRS-12 documents a total of 64.6 acres (Tract 12D) were surface cleared, 81.1 acres (Tracts 12- A, 12B, and 12C) were cleared to a depth of one foot, and 1.56 acres (Tract 12C) were cleared to depth of detection. Total acreage addressed 147.26. ADEM concurred with the report 5Jun14. Approximately 95.28 acres of MRS-12 are included in MDA Environmental Covenant Number FY-16-03.00.

			Source Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							ESS Amendment 09 states the MRS will be cleared to depth in locations not designated as park system, and cleared to one-foot in locations designated as park system, except Area ST-2 which will be surface cleared. Signage will be posted prohibiting digging in locations designated as park system.
		LUCAP Appendix B					The After Action Report (March 2014) for MRS-13 documents a total of 66 acres in Tract E that were surface cleared, 119.6 acres in Tracts A, B, C, and D that were cleared to a depth of one foot, and 3.45 acres in Tract A that were cleared to depth of detection. ADEM concurred with the report 5Jun14.
		FOSET LUCIP Enclosure 1	FOSET				Approximately 160.99 acres of MRS-13 are included in MDA
Alpha Area MRS-13	N/A	Figure	September 2003	Interim LUCIP	MDA		Environmental Covenant Number FY-12-01.01.
Alpha Area Smoke Ranges/T-38	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA		The Army requested NFA in letter dated 13Aug03. The EE/CA was finalized in September 2003. ADEM concurred with the Army letter on 30Sep03. The Action Memorandum was finalized in August 2005. ADEM concurred with the Action Memorandum 4Oct05.
Alpha Supplemental		LUCAP Appendix B FOSET LUCIP Enclosure 1	FOSET				The Supplemental EE/CA (January 2006) and Action Memorandum (October 2010) recommended NFA w/Deed Notice. ADEM concurred
EE/CA Area NT-1S	N/A	Figure	September 2003	Interim LUCIP	MDA		with the Action Memorandum on February 23, 2011.
							The Revised Amendment (October 6, 2011) to the June 2006 Groundwater Sampling Report requested NFA without LUCs. ADEM concurred with NFA without LUCs on October 12, 2011.
		EBS - X,Y Map Coordinates	FOSET				Final Report of Corrective Measures, September 2014. ADEM
Base Service Station	21(7) and 22(7)		September 2003	Interim LUCIP	MDA		concurred 26Mar15.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
Bravo Area MRS-1 (Includes South Side of		LUCAP Appendix B FOSET LUCIP Enclosure 11	FOSET				Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions. Original ESS states an 8.5-acre area consisting of a swath 100 feet from the southern edge of Bains Gap Road will be surface cleared and a small portion north of the road located along the western end of the road will be cleared to depth. Surface clearance south of the road is an interim remedy. ESS Amendment 01 expands the 8.5 acre area to a 108 acre area and requires clearance to depth. The AAR (April 2010) for MRS-1 documents 115 acre clearance to depth in "exception areas" except Bains Gap Road and Iron Mountain Road. ADEM concurred with the report and addendum 2Jul15. Approximately 39.7 acres of MRS-1 are included in MDA
Bains Gap Road) Bravo Area MRS-2	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA		Environmental Covenant Number FY-15-01.00. Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions. ESS Amendment 2 requires prohibition on digging and signage in areas designated for one-foot clearance. The After Action Report (December 2016) for MRS-2 documents a total of 158 acres (Tracts 2D, 2F, 2H, and 2J) were cleared to a depth of one foot, and 396.5 acres (Tracts 2A, 2B, 2C, 2E, 2G, 2I, 2K, and 2L) were cleared to depth of detection. Remaining exception areas include archeological site (01CA156), Industrial Access Road, Cassell Way, Town Center Drive, and Halifax Avenue. One concret rubble fill area was surface cleared, but not designated as an exception area because it is located within the McClellan Park System. ADEM concurred with the report 27Jan17. Approximately 151.42 acres are included in MDA Environmental Covenant Number FY-17-01.00.

Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							Original ESS requires on-call construction support and states that an amendment requesting DDESB approval will be submitted for any site classified as having a "Moderate to High" likelihood of encountering MEC per 6055.9 Chapter 12. ESS Amendment 3 requires prohibition on digging and signage in areas designated for one-foot clearance.
		LUCAP					The After Action Report (February 2017) for MRS-3 documents a total of 190.25 acres (Tracts A, B, C, and D) were cleared to a depth of one foot, and 242.12 acres (Tracts E, F, G, and H) were cleared to depth of detection.
		Appendix B FOSET LUCIP					Tract 3-Aa (40.45 acres), Tract 3-Ab (10.61 acres), Tract 3-B (32.77
Bravo Area MRS-3	N/A	Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	acres), Tract 3-C (39.43 acres), and Tract 3-D (48.70 acres) are included in MDA Environmental Covenant Number FY-18-01.00.
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							ESS Amendment 8 requires prohibition on digging and signage in areas designated for one-foot clearance.
		LUCAP Appendix B					The After Action Report (April 2016) for MRS-4 documents a total of 78.01 acres were cleared to a depth of one foot, and 218.36 acres were cleared to depth of detection. ADEM concurred with the report 6Sep16.
		FOSET LUCIP Enclosure 11	FOSET				Approximately 77.97 acres are included in MDA Environmental
Bravo Area MRS-4	N/A	Figure	September 2003	Interim LUCIP	MDA	MDA	Covenant Number FY-17-04.00. Public access is not allowed. Use of the property for any purpose is
							not allowed pending completion of characterization and any required response actions.
							ESS Amendment 13 requires prohibition on digging and signage in areas designated for one-foot clearance.
		LUCAP Appendix B					The After Action Report (September 2015) for MRS-5 documents a total of 111.26 acres (Tracts D and E) were cleared to a depth of one foot, and 121.04 acres (Tracts A, B, and C) were cleared to depth of detection. ADEM concurred with the report 22Jan16.
		FOSET LUCIP Enclosure 11	FOSET				Approximately 110.85 acres of MRS-5 are included in MDA
Bravo Area MRS-5	N/A	Figure	September 2003	Interim LUCIP	MDA	MDA	Environmental Covenant Number FY-16-01.00.

					1		
			Source				
			Document(s)				
		Site	or				
	EBS	Location	Decision	LUCIP/Covenant	Site	Implementing	
Site Name	Parcel Label	Reference	Document	Status	Owner	Agency	Remarks
One Maine		Reference	Document	Olalus	Owner		Public access is not allowed. Use of the property for any purpose is
							not allowed pending completion of characterization and any required
							response actions.
							response actions.
							ESS Amendment 05 requires prohibition on digging and signage in
							areas designated for one-foot clearance.
							The After Action Report (March 2016) for MRS-6 documents a total
							of 28.01 acres (Tracts A and B) were cleared to a depth of one foot,
							and 109.50 acres (Tracts C and D) were cleared to a depth of one loot,
		LUCAP					detection. ADEM concurred with the report 27Jan17.
		Appendix B					detection. ADEM concurred with the report 273ann7.
		FOSET LUCIP Enclosure 11	FOSET				Approximately 27.39 acres of MRS-6 are included in MDA
Bravo Area MRS-6	N/A	Figure	September 2003	Interim LUCIP	MDA	MDA	Environmental Covenant Number FY-16-02.00.
Diavo Alca Mitto-o		riguie	Ocpternber 2000		INDA	NDA	
							Public access is not allowed. Use of the property for any purpose is
							not allowed pending completion of characterization and any required
							response actions.
							ESS Amendment 12 requires prohibition on digging and signage in
		LUCAP					areas designated for one-foot clearance.
		Appendix B					
		FOSET LUCIP					The After Action Report (June 2015) for MRS-7 documents a total of
		Enclosure 11	FOSET				168 acres were cleared to depth of detection. There are no exception
Bravo Area MRS-7	N/A	Figure	September 2003	Interim LUCIP	MDA	MDA	areas. ADEM concurred with the report 5Jan16.
							Public access is not allowed. Use of the property for any purpose is
							not allowed pending completion of characterization and any required
							response actions.
							Original ESS requires on-call construction support and states that an
							amendment requesting DDESB approval will be submitted for any
							site classified as having a "Moderate to High" likelihood of
							encountering MEC per 6055.9 Chapter 12. ESS Amendment 6
							requires prohibition on digging and signage in areas designated for
							one-foot clearance.
							The After Action Report (September 2017) for MRS-8 documents a
							total of 44.12 acres (Tracts D and E) were cleared to a depth of one
		LUCAP					foot, and 134.25 acres (Tracts A, B, and C) were cleared to depth of
		Appendix B					detection.
		FOSET LUCIP					
		Enclosure 11	FOSET				Approximately 42.36 acres are included in MDA Environmental
Bravo Area MRS-8	N/A	Figure	September 2003	Interim LUCIP	MDA	MDA	Covenant Number FY-18-02.00.

		Site	Source Document(s) or		0.1		
Site Name	EBS Parcel Label	Location Reference	Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
		Kelerence	Document	Status	Owner	Agency	Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							ESS Amendment 11 requires prohibition on digging and signage in areas designated for one-foot clearance.
		LUCAP Appendix B FOSET LUCIP					The After Action Report (August 2016, Revised March 2017) for MRS- 9 documents a total of 122.64 acres were cleared to a depth of one foot, and 13.47 acres were cleared to depth of detection. ADEM concurred with the report 28Nov16.
Bravo Area MRS-9	N/A	Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Approximately 122.77 acres are included in MDA Environmental Covenant Number FY-18-03.00.
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
		LUCAP Appendix B FOSET LUCIP					ESS Amendment 14 states the MRS will be cleared to depth. After Action Report for MRS-10 (March 2016) documents a total of
Bravo Area MRS-10	N/A	Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	14.9 acres were cleared to a depth of detection. There are no exception areas. ADEM concurred with the report 12Sep16.
							Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.
							ESS Amendment 14 states the MRS-11 Tracts 11-A and 11-B will be cleared to a depth of one-foot, Tract 11-C will be cleared to depth, and Tract 11-D will be surface cleared. Tract 11-D includes step-outs from MRS-7 that will be cleared to depth. The remaining acreage in MRS-11 is suitable for unrestricted future use with NFA and deed notification.
		LUCAP Appendix B					The After Action Report (March 2016) for MRS-11 documents a total of 916 acres not designated for clearance actions because they were approved for unrestricted future use with a LUC consisting of a deed notice (Reference Action Memorandum, July 2013), 48.9 acres (11D) were surface cleared, 19.3 acres (11A) and 15.1 acres (11B) were cleared to a depth one foot, and 14.4 acres (11C) were cleared to depth of detection. Exception area located in Tract 11B within 3 feet of either side and underneath IAR. ADEM concurred with the report 12Sep16.
Bravo Area MRS-11	N/A	FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Approximately 1,271 feet of MRS-11 are included in MDA Environmental Covenant Number FY-17-02.00.

Olio Norro	EBS Parcel Label	Site Location	Source Document(s) or Decision	LUCIP/Covenant	Site	Implementing	Permeder
Site Name	Parcei Labei	Reference	Document	Status	Owner	Agency	Remarks
Former Weapons Demonstration Area	194(7)	LUCAP Appendix B FOSET LUCIP Enclosure 12 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Army NFA DD signed 08/26/05. ADEM concurred 05/25/05
Impact Area North Central Main Post	132Q-X	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The CMIR (June 2013) concluded bullet cleanup activities are complete. ADEM concurred with NFA in letter dated 31Jul13.
Range 31 Weapons Demonstration Range	89Q-X	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The Letter Report (November 2012) concluded concentrations of copper and lead do not exceed residential SSSL or Eco-RBRG. The CMIR (June 2013) concluded bullet cleanup activities are complete. ADEM concurred with NFA on 31Jul13.
Range 31: Former Defendum Field Firing Range No. 2	215Q	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The Letter Report (November 2012) and CMIR (June 2013) concluded concentrations of copper and lead do not exceed residential SSSLs or ecological RBRGs and bullet cleanup activities are complete. ADEM concurred with NFA in letter dated 31Jul13.
Ranges West of Iron Mountain Road	73Q-X, 91Q-X, 115Q, 116Q-X, 117Q-X, 129Q-X, 151Q, 181(7), 194(7)/518(7), 200Q, 201Q, 228Q, 229Q-X, 231Q, 23Q-X, Washington Tank Range, and 1950 Rocket Launcher Range	LUCAP Appendix B FOSET LUCIP Enclosure 12 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Army NFA DD signed 08/26/05. ADEM concurred 05/25/05
Reilly Lake	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 10 Figure	FOSET September 2003	Interim LUCIP	MDA		The RFI (May 2006) for the Fill Area East of Reilly, Parcel 227(7) and Former Post Garbage Dump, Parcel 126(7), determined that constituents in surface water and fish tissue did not pose an unacceptable risk. ADEM concurred with the RFI in a letter dated 28Jul06. The LUCER states "Upon selling or conveyance of the property, the transfer deed will rescind the deed restrictions".
South Gate Toxic Gas Yard	518(7)	LUCAP Appendix B FOSET LUCIP Enclosure 12 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	Army NFA DD signed 08/26/05. ADEM concurred 05/25/05

# Acronyms

ADEM - Alabama Department of Environmental Management

ALDOT - Alabama Department of Transportation

CMER - Corrective Measures Effectiveness Report

**CMIR - Corrective Measures Implementation Report** 

COC - Chemical of Concern

DD - Decision Document

DHS - Department of Human Services

DOI - Department of Interior

EBC - Eastern Bypass Corridor

ECOP - Environmental Condition of Property

EE/CA - Engineering Evaluation and Cost Analysis

**EOD** - Explosives Ordnance

**EPA - Environmental Protection Agency** 

EBS - Environmental Baseline Survey, Final, January 1998.

FOSET - Finding of Suitability for Early Transfer

FOST - Finding of Suitability for Transfer

FWS - U.S. Fish and Wildlife Service

GSA - General Services Administration

JPA - Anniston-Calhoun County Fort McClellan Development Joint

Powers Authority

LUC - Land Use Control

LUCAP - Land Use Control Assurance Plan

LUCER - Land Use Control Effectiveness Report

LUCIP - Land Use Control Implementation Plan

MDA - Calhoun County McClellan Development Authority

MEC - Munitions and Explosives of Concern

MNA - Monitored Natural Attenuation

MRS - Munitions Response Site

NFA - No Further Action

OA - Ordnance Area

OES -Ordnance and Explosive Site

**RAO - Remedial Action Objective** 

RBRG - Risk Based Remedial Goal

RBTL - Risk Based Target Level

RCRA - Resource Conservation and Recovery Act

RFI - RCRA Facility Investigation

SI - Site Investigation

SSFR - Site Specific Final Report

SSSL Site Specific Screening Level

### APPENDIX D

AGENCY POINTS OF CONTACT 2018

### U.S. Department of the Army

Mr. Owen M. Nuttall U.S. Army Transition Force 681 Castle Avenue, Building 200 Anniston, AL 36205 Telephone: 404-469-3399 E-mail: <u>owen.m.nuttall.civ@mail.mil</u>

### U.S. Environmental Protection Agency

Mrs. Leigh Lattimore U.S. Environmental Protection Agency, Region 4 61 Forsyth Street, SW Atlanta, GA 30303-3104 Telephone: 404-562-8768 E-mail: <u>lattimore.leigh@epa.gov</u>

### ADEM

Mr. Jason Wilson Alabama Department of Environmental Management Hazardous Waste Branch, Land Division 1400 Coliseum Boulevard Montgomery, AL 36110-2059 Mailing address: PO Box 301463, Montgomery, AL 36130-1463 Telephone: 334-271-7739 E-mail: jwilson@adem.alabama.gov

### MDA

Mr. Robin Scott Calhoun County McClellan Development Authority 4975 Bains Gap Road Anniston, AL 36205 Mailing address: PO Box 5327, Anniston, AL 36205 Telephone: 256-236-2011 E-mail: robinscott@ccmda.org

### U.S. Fish and Wildlife Service (not a co-signing agency for the LUCAP)

Mr. Keith Westlake Mountain Longleaf NWR, Cahaba River NWR, and Watercress Darter NWR 407 Baby Bains Gap Rd 2700 Refuge Headquarters Road Anniston, AL 36205 Telephone: 256-848-6833 E-mail: <u>donald\_westlake@fws.gov</u>





Post Office Box 301463 36130-1463 • 1400 Coliseum Blvd. 36110-2059 MONTGOMERY, ALABAMA WWW.ADEM.STATE.AL.US (334) 271-7700

BOB RILEY GOVERNOR

Director April 9, 2007

ONIS "TREY" GLENN, III, P.E.

Mr. Scott J. Bolton Site Manager US Army Transition Force P.O. Box 5022 Fort McClellan, Alabama 36205 Facsimiles: (334) Administration: 271-7950 General Counsel: 394-4332 Communication: 394-4383 Air: 279-3054 Land: 279-3050 Groundwater: 270-5631 Field Operations: 272-8131 Laboratory: 277-6718 Mining: 394-4326

# RE: ADEM Review and Concurrence: Army's Response to ADEM Comments Regarding Draft Final Site Specific Final Report for the Eastern Bypass "Y" Area Junction; dated October 12, 2005 Fort McClellan, Calhoun County, Alabama Facility I.D. No. AL4 210 020 562

Dear Mr. Bolton:

The Alabama Department of Environmental Management (ADEM or the Department) has completed its review of the Army's letter dated October 12, 2005 responding to comments concerning the *Draft Final Site Specific Final Report for the Eastern Bypass "Y" Area Junction.* The letter states that the Army has made funds available to the Joint Powers Authority (JPA) in an Environmental Services Cooperative Agreement (ESCA) to provide required construction support for any ordnance found during construction activities in the "Y" area. ADEM concurs with this response and considers all comments resolved. The Department requests that the Army revise the Site Specific Report to include this information and that the revised version be submitted for review.

For any questions or concerns regarding this matter please contact Ms. Julie Ange at 334-270-5646 or via email at jange@adem.state.al.us.

Sincerely,

Stephen Á. Cobb, Chief Governmental Hazardous Waste Branch Land Division

### SAC/TPS/JLA/mal

cc: Mr. Doyle Brittain/EPA Region 4
Mr. Lee Coker/USA COE, Mobile District
Mrs. Tracy P. Strickland/ADEM
Ms. Miki Schneider/JPA
Mrs. Brandi Little/ADEM

Enclosure 3

Birmingham Branch 110 Vulcan Road Birmingham, Alabama 35209-4702 (205) 942-6168 (205) 941-1603 [Fax] Decatur Branch 2715 Sandlin Road, S.W. Decatur, Alabama 35603-1333 (256) 353-1713 (256) 340-9359 [Fax] Mobile Branch 2204 Perimeter Road Mobile, Alabama 36615-1131 (251) 450-3400 (251) 479-2593 [Fax] Mobile – Coastal 4171 Commanders Drive Mobile, Alabama 36615-1421 (251) 432-6533 (251) 432-6598 [Fax]

