



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY GARRISON
FORT McCLELLAN, ALABAMA 36205-5000

January 27, 2020

Office of the Site Manager

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 10, 2020. The Army's review found that 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; Former Large Caliber Weapons Range, Parcel 114Q-X; 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 Probable 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; Ms. Julie Moss, 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, lisa.holstein@us.army.mil, 256-848-7455.

Sincerely,

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Digitally signed by
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Date: 2020.01.27 13:01:08 -05'00'

Owen M. Nuttall
Site Manager

Enclosures

LAND USE CONTROL ASSURANCE PLAN APPENDIX A
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Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
Alpha Area MRS-12 Area 1 , Area 2, and Area 3.	N/A	MDA Environmental Covenant Exhibit A	After Action Report March 2014	MDA Environmental Covenant Number FY-16-03.00 Recorded in Deed Book 3200 Page 665 on March 22, 2016	MDA	MDA	<p>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.</p> <p>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 prohibition on digging and signage is missing from the covenant.</p> <p>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.</p> <p>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 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. The covenant will require revision to include a residential use restriction for lead contamination discovered during the RFI for Impact Area Range 30 which overlaps Area 1 Tract 12C once the CMIR is complete.</p>

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Alpha Area MRS-13 Tracts A and B	N/A	MDA Environmental Covenant Exhibit B	After Action Report March 2014	MDA Environmental Covenant Number FY-12-01.01 Recorded in Deed Book 3228 Page 892 on February 9, 2018	MDA	MDA	<p>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.</p> <p>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 prohibition on digging and signage is missing from the covenant.</p> <p>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.</p> <p>Environmental Covenant Tract A comprises 159.75 acres in MRS-13 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 not included in the covenant boundary.</p>

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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	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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, Probable Impact Area	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.
Baby Bains Gap Road Ranges, Range 18	74Q	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.

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Baby Bains Gap Road Ranges, Range 23	79Q	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	<p>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.</p> <p>The CMIR (November 2016, Rev. 1) documents the removal and disposal of approximately 20,000 tons of metals contaminated soil from Range 23 and Range 25 East based on residential cleanup levels for antimony and lead. The site was remediated to residential reuse standards with the exception of the portion of Range 23 that is located within the boundaries of MRS-2 and MRS-4 that were cleared for munitions to a depth of one foot and where only 6 inches of lead contaminated soil was removed. ADEM concurred with the report 13Dec17. It should be noted that the Army documented in a letter dated 20Mar18 their position that the corrective measures implemented at Range 23 are incomplete and do not fulfill the requirements for site closeout IAW the ESCA.</p> <p>Environmental Covenant comprises 77.97 acres and includes MRS-4 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). It appears that the residential use restriction is missing for the area where only 6 inches of lead contaminated soil was removed within the portion of Range 23 that is located within the boundary of MRS-4 Tract 4-E. The residential use restriction is also missing from Environmental Covenant Number FY-17-01.00 where Range 23 overlaps MRS-2 Tract 2-F.</p>

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Baby Bains Gap Road Ranges, Range 25	83Q and 118Q	MDA Environmental Covenant Exhibit A	CMIR January 2015	MDA Environmental Covenant Number FY-15-01.00 Recorded in Deed Book 3194 Page 219 on October 5, 2015	MDA	MDA	<p>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.</p> <p>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.</p> <p>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 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.</p>
Baby Bains Gap Road Ranges, Range 26	84Q-X	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p>
Baby Bains Gap Road Ranges, Range 28	86Q	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>The Final Report of Corrective Measures (June 2018, Revised November 2018) documents no further action for Range 28 based on the results of the RI and is under review at ADEM.</p>

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Baby Bains Gap Road Ranges, Ranges South of Range 25	224Q and 226Q	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. 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.
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	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. 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 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 and the legal description for IMR and BGR areas is missing from the covenant.

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Bravo Area MRS-11 Tract 11B Iron Mountain Road aka Industrial Access Road	N/A	MDA Environmental Covenant Exhibit Drawing	After Action Report March 2016	MDA Environmental Covenant Number FY-17-02.00 Recorded in Deed Book 3222 Page 222 on August 31, 2017	MDA	MDA	<p>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.</p> <p>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.</p> <p>The Action memorandum requires prohibition on digging without construction support and recurring reviews every five years. It appears an Explanation of Significant Differences is needed.</p> <p>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.</p> <p>The Environmental Covenant comprises 1,271 feet located in Tract 11B along Iron Mountain Road to include all pavement and three feet beyond both edges of the pavement. It appears the one-foot clearance areas and the step-out areas with one-foot clearance (11A and 11B) were not included in the covenant boundary.</p>

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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	MDA	<p>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.</p> <p>ESS Amendment 2 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for prohibition on digging and signage is missing from the covenant.</p> <p>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 arch 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.</p> <p>Environmental Covenant comprises 151.42 acres and includes Tract 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 3 feet either side and underneath the Industrial Access Road, Cassell Way, Town Center Drive, and Halifax Avenue. It appears the legal description for the roads listed in previous sentence is missing, the residential use restriction is missing for the area where only 6 inches of lead contaminated soil was removed within the portion of Rng 23 located within the boundary of MRS-2 Tract 2-F, and step-out areas w/one-foot clearance were not included in the covenant.</p>

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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	<p>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.</p> <p>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 prohibition on digging and signage is missing from the covenant.</p> <p>The After Action Report (March 2018) 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. ADEM concurred with the report 7May18, and with slip page revisions 14Sep18. 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.</p> <p>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.</p>

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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	<p>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.</p> <p>ESS Amendment 8 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for prohibition on digging and signage is missing from the covenant.</p> <p>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.</p> <p>Environmental Covenant comprises 77.97 acres and includes MRS-4 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). It appears that the residential use restriction is missing for the area where only 6 inches of lead contaminated soil was removed within the portion of Range 23 that is located within the boundary of MRS-4 Tract 4-E.</p>
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	MDA	<p>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.</p> <p>ESS Amendment 13 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for prohibition on digging and signage is missing from the covenant.</p> <p>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.</p> <p>The Environmental Covenant comprises 110.85 acres and includes MRS-5 Tracts 5-D and 5-E. It appears the step-out area with one-foot clearance was not included in the covenant boundary.</p>

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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	MDA	<p>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.</p> <p>ESS Amendment 05 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for prohibition on digging and signage is missing from the covenant.</p> <p>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.</p> <p>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 boundary.</p>
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	<p>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.</p> <p>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 prohibition on digging and signage is missing from the covenant.</p> <p>The After Action Report (March 2018) 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. ADEM concurred with the report 7May18.</p> <p>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. The covenant legal description differs from the covenant figure and the AAR.</p>

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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	<p>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.</p> <p>ESS Amendment 11 requires prohibition on digging and signage in areas designated for one-foot clearance. It appears the ESS requirement for prohibition on digging and signage is missing from the covenant.</p> <p>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.</p> <p>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 acres).</p>
Charlie Area, Mountain Longleaf National Wildlife Refuge	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	<p>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.</p>
Eastern Bypass "Y" Area Junction	N/A	MDA Environmental Covenant Exhibit A Parcel Y Exhibit Drawing	SSFR May 2007	MDA Environmental Covenant Number FY-17-03.00 Recorded in Deed Book 3235 Page 343 on July 11, 2018	MDA	MDA	<p>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.</p> <p>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.</p> <p>The Environmental Covenant includes Eastern Bypass "Y" Area Junction (60.9 acres). Covenant requires revision to remove ALDOT property.</p>

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Eastern Bypass OES2	69Q, 70Q, 71Q,	Exhibit A	FOST October 2008	Final LUCIP	ALDOT	ALDOT	<p>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.</p> <p>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.</p> <p>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.</p>
Fill Area North of Landfill No. 2 Tract A and B	230(7)	MDA Environmental Covenant Exhibit Drawing	CMIR December 2012	MDA Environmental Covenant Number FY-13-01.00 Recorded in Deed Book 3173 Page 92 on April 18, 2014	MDA DHS	MDA	<p>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.</p> <p>The CMIR (December 2012) concluded the landfill cover was 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.</p> <p>The Environmental Covenant Tract A (DHS Property) comprises 0.10 acres and Tract B comprises 2.22 acres.</p>

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Fill Area Northwest of Reilly Air Field	229(7)	MDA Environmental Covenant Exhibit A	CMIR for Landfill Cover April 2008, Revised May 2010	MDA Environmental Covenant Number FY-11-01.00 Recorded in Deed Book 3140 Page 261 on September 23, 2011	MDA	MDA	<p>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.</p> <p>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.</p> <p>The CMIR (June 2018, Revised July 2018) documents the implementation of in situ bioremediation for groundwater. Performance is reported annually in CMERs.</p> <p>The Environmental Covenant area comprises 7.35 acres. It appears groundwater contamination for the site falls outside the covenant boundary.</p>
Former 37mm Antitank Range and Former Rifle Range	230Q-X and 149Q	MDA Environmental Covenant Exhibit B	FOSET September 2003	MDA Environmental Covenant Number FY-12-01.01 Recorded in Deed Book 3228 Page 892 on February 9, 2018	MDA	MDA	<p>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.</p> <p>Environmental Covenant area comprises 25.87 acres.</p>

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Former Chemical Laundry/ Motor Pool Area 1500	94(7)	MDA Environmental Covenant Exhibit A	CMIR September 2014	MDA Environmental Covenant Number FY-12-08.00 Recorded in Deed Book 3177 Page 894 on August 13, 2014	MDA	MDA	<p>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 agricultural 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.</p> <p>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 groundwater will be submitted annually. ADEM concurred with the report 19Sep14.</p> <p>The Environmental Covenant area comprises 2.23 acres.</p>
Former Large Caliber Weapons Range	114Q-X	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p>
Former Pistol Range	N/A	MDA Environmental Covenant Exhibit A	Supplemental Investigation, Former Pistol Range, Parcel OA-03 April 2016, Revised August 2016, Revised January 2017	MDA Environmental Covenant Number FY-12-01.01 Recorded in Deed Book 3228 Page 892 on February 9, 2018	MDA	MDA	<p>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.</p> <p>Supplemental Investigation Report, April 2016, Revised August 2016, Revised January 2017 concluded the following: antimony, copper and lead exceeded residential preliminary screening values in at least one surface soil sample; antimony, cadmium, copper, lead, selenium, and zinc exceeded ecological screening values in at least one surface soil sample; and no human health or ecological COPS or COPECs were identified in subsurface soils. ADEM concurred with the report 26Jan17.</p> <p>The Environmental Covenant area comprises 6.6 acres. The UECA covenant area is the area originally identified by the Army as the parcel boundary. However, the locations where contamination was found in the investigation are primarily outside the original parcel boundary.</p>

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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 Dump and Fill Area East of Reilly Air Field	126(7) and 227(7)	MDA Environmental Covenant Exhibit B	CMIR October 2012	MDA Environmental Covenant Number FY-11-01.00 Recorded in Deed Book 3140 Page 261 on September 23, 2011	MDA	MDA	<p>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.</p> <p>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.</p> <p>The Environmental Covenant area comprises 14.71 acres.</p>
Former Small Weapons Repair Shop	66(7)	MDA Environmental Covenant Exhibit A	CMIR January 2013	MDA Environmental Covenant Number FY-12-07.00 Recorded in Deed Book 3156 Page 827 on March 7, 2013	MDA	MDA	<p>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.</p> <p>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. The CMIR Addendum (March 2019, Revised May 2019) documents in-situ chemical oxidation (ISCO) injection event in December 2018 using hydrogen peroxide and sodium persulfate as an additional treatment to reduce VOC concentrations below risk-based target levels. ADEM concurred with the report 19Aug19. Quarterly sampling continues and is documented in annual CMERs.</p> <p>The Environmental Covenant area comprises .54 acres.</p>

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Site Name	EBS Parcel Label	Site Location Reference	Source Document(s) or Decision Document	LUCIP/Covenant Status	Site Owner	Implementing Agency	Remarks
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	<p>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.</p> <p>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.</p> <p>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).</p>
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.

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Landfill # 1	78(6)	MDA Environmental Covenant Exhibit A	CMIR October 2012	MDA Environmental Covenant Number FY-12-02.00 Recorded in Deed Book 3151 Page 708 on October 17,2012	MDA	MDA	<p>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.</p> <p>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 inspection/repairs are required. ADEM concurred with the report 7Jan13.</p> <p>The Environmental Covenant area comprises 12.24 acres.</p>
Landfill # 2	79(6)	MDA Environmental Covenant Exhibit A	CMIR October 2012	MDA Environmental Covenant Number FY-12-05.00 Recorded in Deed Book 3151 Page 718 on October 17,2012	MDA DHS	MDA	<p>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.</p> <p>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.</p> <p>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 extends into DHS property is not included in the covenant. Additionally, 6 of the 8 monuments are not included in the covenant boundary.</p>
Landfill # 3	80(6)	LUCAP Appendix B FOSET LUCIP Enclosure 5 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>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.</p> <p>The CMIR (April 2008, Revised May 2010) documents the construction of a soil cover, installation of boundary survey markers and post closure care/monitoring requirements. ADEM concurred with the report 14Mar12.</p> <p>The CMIR (June 2018, Revised July 2018) documents the implementation of in situ bioremediation for groundwater. Performance is reported annually in CMERs.</p>
Landfill # 4	81(5)	LUCAP Appendix B FOSET LUCIP Enclosure 6 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Digging or disturbance of soils is not allowed. Consumptive use or direct contact with groundwater is not allowed.</p>

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M1.01 Area and M3 Miscellaneous Property	N/A	MDA Environmental Covenant Exhibit A Parcel M1.01 Exhibit Drawing and Parcel M3 Exhibit Drawing	SSFR March 2003 and Final Letter Report November 2006	MDA Environmental Covenant Number FY-17-03.00 Recorded in Deed Book 3235 Page 343 on July 11, 2018	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 Covenant Boundary; and Grantor reserves an access easment. ADEM requires construction support in letter dated 18May05. The SSFR (March 2003) and Final Letter Report (November 2006) document a MEC clearance to 1-foot depth and construction support requirement for the 97 acre area. ADEM concurred with the Final Letter Report 19Jan07. The Environmental Covenant includes M1.01 North (10.7 acres), M1.01 South (41.5 acres), and Area M3 (31.3 acres). Covenant requires revision to remove ALDOT property.
Mock Village at Yahoo Lake	130Q-X	Exhibit A	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.
Motor Pool Area 3100	24(7), 25(7), 73(7), 212(7), and 146(7)	MDA Environmental Covenant Exhibit B	June 2006 Groundwater Sampling Report April 2011	MDA Environmental Covenant Number FY-12-03.00 Recorded in Deed Book 3150 Page 660 on September 21, 2012	MDA	MDA	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 RBTs and 1,1,2,2-PCA (considered to be related to Training Area T-5 activities) exceeded the residential and groundskeeper RBTs. ADEM concurred with the report 6May11. The Environmental Covenant area comprises 5.78 acres (Parcel 24(7) = 0.02 acres, Parcel 25(7) = 0.02 acres, Parcel 73(7) = 0.29 acres, Parcel 146(7) = 5.43 acres, Parcel 212(7) = 0.02 acres).
Range 16	72Q-X and 150Q	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.

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Range 29	87Q-X, 110Q, 111Q, and 239Q-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. The RFI (February 2018, Revised May 2019) data show metals (antimony, copper, lead and silver) contamination in soil. No groundwater issues were identified. The RFI concludes that there is no ecological risk and recommends LUCs to restrict residential use. No active remediation activities are planned. ADEM concurred 13Aug19.
Training Area T-24A	112Q, 213Q, and 214Q	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	Army and 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. The Remedial Action Completion Report (February 2017) documents contaminant delineation, excavation of metals-contaminated soil and stabilization, confirmation sampling, and transportation and disposal activities. The area of contamination did not extend into the portions of Parcels 112Q, 213Q, or 214Q located on MDA property.
Training Area T-31	184(7) and 185(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.
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	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. 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.

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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	<p>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.</p> <p>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], tetrachloroethene [PCE], and trichloroethene [TCE] and one of the degradation products (vinyl chloride) exceed groundskeeper risk-based target levels. ADEM concurred with the report 9Aug13. The groundwater remedy transitioned from AS/SVE to in situ bioremediation in 2015.</p> <p>The Environmental Covenant area comprises 8.75 acres.</p>
Washrack Soldier's Chapel	127(7)	MDA Environmental Covenant Exhibit A	June 2006 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	<p>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.</p> <p>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.</p> <p>The Environmental Covenant area comprises 2.4 acres.</p> <p>Final Report of Corrective Measures, July 2015. ADEM concurred 23Nov16.</p>

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Alpha Area Northern Alpha	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. 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 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 acres were cleared to depth of detection. There are no exception areas. ADEM concurred with the report on 1Dec14.
Alpha Area Southern Alpha	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. 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. 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. Approximately 1 acre (Cemetery) and 0.8 acre Bains Gap Road are included in MDA Environmental Covenant Number FY-15-02.00.
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	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.

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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.
Alpha Area MRS-12	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p> <p>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.</p> <p>Approximately 95.28 acres of MRS-12 are included in MDA Environmental Covenant Number FY-16-03.00.</p>
Alpha Area MRS-13	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p> <p>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.</p> <p>Approximately 160.99 acres of MRS-13 are included in MDA Environmental Covenant Number FY-12-01.01.</p>

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Alpha Area Smoke Ranges/T-38	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 Supplemental EE/CA Area NT-1S	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 1 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	The Supplemental EE/CA (January 2006) and Action Memorandum (October 2010) recommended NFA w/Deed Notice. ADEM concurred with the Action Memorandum on February 23, 2011.
Baby Bains Gap Road Ranges, Range 25		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. 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. A portion of Range 25 that is located within MRS-1 is included in Environmental Covenant Number FY-15-01.00
Baby Bains Gap Road Ranges, Range 25 East	223Q	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. The CMIR (November 2016, Rev. 1) documents the removal and disposal of approximately 20,000 tons of metals contaminated soil from Range 23 and Range 25 East based on residential cleanup levels for antimony and lead. The site was remediated to residential reuse standards with the exception of the portion of Range 23 that is located within the boundaries of MRS-2 and MRS-4 that were cleared for munitions to a depth of one foot and where only 6 inches of lead contaminated soil was removed. ADEM concurred with the report 13Dec17. It should be noted that the Army documented in a letter dated 20Mar18 their position that the corrective measures implemented at Range 23 are incomplete and do not fulfill the requirements for site closeout IAW the ESCA.
Base Service Station	21(7) and 22(7)	EBS - X,Y Map Coordinates (17,30) (17,31)	FOSET September 2003	Interim LUCIP	MDA	MDA	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. Final Report of Corrective Measures, September 2014. ADEM concurred 26Mar15.

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Bravo Area MRS-1 (Includes South Side of Bains Gap Road)	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p> <p>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.</p> <p>Approximately 39.7 acres of MRS-1 are included in MDA Environmental Covenant Number FY-15-01.00.</p>
Bravo Area MRS-2	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>ESS Amendment 2 requires prohibition on digging and signage in areas designated for one-foot clearance.</p> <p>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.</p> <p>Approximately 151.42 acres are included in MDA Environmental Covenant Number FY-17-01.00.</p>

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Bravo Area MRS-3	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p> <p>The After Action Report (March 2018) 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. ADEM concurred with the report 7May18, and with slip page revisions 14Sep18.</p> <p>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) are included in MDA Environmental Covenant Number FY-18-01.00.</p>
Bravo Area MRS-4	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>ESS Amendment 8 requires prohibition on digging and signage in areas designated for one-foot clearance.</p> <p>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.</p> <p>Approximately 77.97 acres are included in MDA Environmental Covenant Number FY-17-04.00.</p>

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Bravo Area MRS-5	N/A	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. ESS Amendment 13 requires prohibition on digging and signage in areas designated for one-foot clearance. 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. Approximately 110.85 acres of MRS-5 are included in MDA Environmental Covenant Number FY-16-01.00.
Bravo Area MRS-6	N/A	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. 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 depth of detection. ADEM concurred with the report 27Jan17. Approximately 27.39 acres of MRS-6 are included in MDA Environmental Covenant Number FY-16-02.00.
Bravo Area MRS-7	N/A	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. ESS Amendment 12 requires prohibition on digging and signage in areas designated for one-foot clearance. The After Action Report (June 2015) for MRS-7 documents a total of 168 acres were cleared to depth of detection. There are no exception areas. ADEM concurred with the report 5Jan16.

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Bravo Area MRS-8	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p> <p>The After Action Report (March 2018) 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. ADEM concurred with the report 7May18.</p> <p>Approximately 42.36 acres are included in MDA Environmental Covenant Number FY-18-02.00.</p>
Bravo Area MRS-9	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>ESS Amendment 11 requires prohibition on digging and signage in areas designated for one-foot clearance.</p> <p>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.</p> <p>Approximately 122.77 acres are included in MDA Environmental Covenant Number FY-18-03.00.</p>
Bravo Area MRS-10	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>ESS Amendment 14 states the MRS will be cleared to depth.</p> <p>After Action Report for MRS-10 (March 2016) documents a total of 14.9 acres were cleared to a depth of detection. There are no exception areas. ADEM concurred with the report 12Sep16.</p>

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Bravo Area MRS-11	N/A	LUCAP Appendix B FOSET LUCIP Enclosure 11 Figure	FOSET September 2003	Interim LUCIP	MDA	MDA	<p>Public access is not allowed. Use of the property for any purpose is not allowed pending completion of characterization and any required response actions.</p> <p>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.</p> <p>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.</p> <p>Approximately 1,271 feet of MRS-11 are included in MDA Environmental Covenant Number FY-17-02.00.</p>

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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, 232Q-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	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 2020

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: owen.m.nuttall.civ@mail.mil

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: lattimore.leigh@epa.gov

ADEM

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

MDA

Ms. Julie Moss
Calhoun County McClellan Development Authority
4975 Bains Gap Road
Anniston, AL 36205
Telephone: 256-236-2011
E-mail: jmoss@exploremcclellan.com

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
Anniston, AL 36205
Telephone: 256-848-6833
E-mail: donald_westlake@fws.gov

Enclosure 2