

Fort Campbell
FY24 Multi- Purpose Training Range
Finding of No Significant Impact

Prepared for
USAG Fort Campbell

Prepared by
Fort Campbell, Directorate of Public Works
Environmental Division, NEPA Program

17 November 2023

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Finding of No Significant Impact (FONSI): Fort Campbell FY24 Multi-Purpose Training Range

Fort Campbell has prepared an Environmental Assessment (EA) that evaluates the potential environmental impacts associated with the construction and operation of a Multi-Purpose Training Range (MPTR) at the existing Range 28 Range Complex located in Stewart County Tennessee. During the preparation of the EA, the proposed action and no-action alternatives were evaluated. After careful consideration, it was determined that only the proposed action would satisfy the Army's requirement for a MPTR. The attached EA was prepared pursuant to 32 Code of Federal Regulations Part 651 and U.S. Council on Environmental Quality regulations (Title 40, U.S. Code, Parts 1500-1508) for implementing the procedural requirements of the National Environmental Policy Act.

Description of the Proposed Action

The Proposed Action is for the construction and operation of a multipurpose training range (MPTR; Project Number 96182) at Fort Campbell, Tennessee in FY (fiscal year) 2024. The proposed MPTR would overlay the existing RNG 28 Multi-Purpose Range Complex (MPRC) located within the training area of Fort Campbell. The site is bounded by Jordan Springs Road to the south and Artillery Road to the north. The proposed footprint will be located within Tennessee. The existing range has multiple roads, targets, and improved area.

No Action Alternative

Under the No Action Alternative, Fort Campbell would not construct and operate a MPTR range. This alternative does not meet the purpose and need; however, the Council on Environmental Quality and Army NEPA regulations require consideration and analysis of the No Action Alternative to provide a baseline against which the other alternatives may be compared.

Environmental Consequences

14 broad environmental components were considered to provide a context for understanding the potential effects of the Proposed Action and to provide a basis for assessing the significance of potential impacts. The environmental components considered are air quality, biological resources, cultural resources, health and safety, land use, noise, soils, socioeconomics, and water resources. Neither the effects of the Proposed Action nor

the No Action Alternative are expected to be controversial, involve unique or unknown risks, or to establish a precedent for future actions. No significant negative effects to the environment are anticipated under either alternative.

Resource Area	Proposed Action	No Action Alternative
Land Use <ul style="list-style-type: none"> • land use • real property management • easements • viewsheds not addressed under cultural resources 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Minimal change in viewshed with the proposed clear cutting of 70 acres. • Proposed project occurs within existing range with no expansion. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Very Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Air Quality and Greenhouse Gas <ul style="list-style-type: none"> • Conformity • NAAQS • PSD • New Source Review • Minor Source Preconstruction Permitting • Dust 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • There could be a wildland fire risk during training, however it is in an area adapted to fires. • Somewhat less trees to absorb greenhouse gases. • Additional generator(s) will be added to installation permit. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Very Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Noise <ul style="list-style-type: none"> • noise zones • noise impacts to community • noise impacts to wildlife • risks of noise complaints 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • The site is approximately 3,000 meters from post boundary and US Highway 79. There may be an occasional risk of noise complaint. • Noise and vibration from the use of vehicles and live fire may disturb wildlife in the immediate and bordering area. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Water Resources/Soil	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks:

Resource Area	Proposed Action	No Action Alternative
<ul style="list-style-type: none"> • surface water • groundwater • floodplains • wetlands • 404 permits 	<ul style="list-style-type: none"> • Impacts to water quality due to anticipated erosion and runoff • Wetland delineation required and executed. • NPDES, 401, and 404 permits required • FONPA drafted, The total impact for the project is 0.273-acres including stream crossings. Ephemeral wetland acreage is 0.067-acres (less than 0.1 acre). Anticipated that all sites will include fill (digging on range without UXO clearance could produce munition duds). • No drainage issues anticipated 	<ul style="list-style-type: none"> • None identified
<p>Biological Resources</p> <ul style="list-style-type: none"> • vegetation • wildlife • threatened and endangered species • invasive species • wildland fires 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> ○ Indiana Bat ○ Gray Bat ○ Northern Long-Eared Bat ○ Little Brown Bat • There is a risk for wildlife fires during training. • Trees removed outside of bat season. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified.
<p>Cultural Resources</p> <ul style="list-style-type: none"> • historic buildings and structures • archaeological resources • SHPO consultation • Native American Tribes consultation • historic viewsheds 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <p>Project Area of Potential Effects (APE) for direct and indirect effects had been partially surveyed for archaeological resources. The areas not surveyed were located within the Impact Area and are considered exempt from archaeological inventory. Sites 40SW0157, 40SW0158, 40SW0159, and 40SW0571 were determined not eligible for NRHP listing. TN and KY SHPOs concurred.</p> 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low or Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None Identified

Resource Area	Proposed Action	No Action Alternative
Socioeconomics <ul style="list-style-type: none"> • demographics • housing • economic development • quality of life • environmental justice in minority and low-income populations • protection of children from environmental health risks and safety risks 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified. There will be no environmental or socioeconomic impacts that will cross installation boundaries into areas with populations of children, therefore, there would be no impacts on children or low-income populations resulting from alternatives analyzed in this EA. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Transportation and Traffic <ul style="list-style-type: none"> • traffic • roadways • rail transportation • air transportation • traffic volume • level of congestion 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Some increase in traffic during construction? • With increased range operation there would be an increase in military vehicle traffic to and from the range. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Airspace <ul style="list-style-type: none"> • controlled airspace • SUAs • MOAs 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None Identified 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Utilities <ul style="list-style-type: none"> • potable water • drinking water plants • wastewater • storm water • NPDES permitting • solid waste • energy • heating • cooling, • communications 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Water, sewer, and gas not required. • To either use Porto potties or have a dry flush system • Power is provided by "City Light & Power" with existing RNG28 connection point. • Fiber run in ROCA and downrange from RNEC hut. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified

Resource Area	Proposed Action	No Action Alternative
Hazardous and Toxic Materials and Waste <ul style="list-style-type: none"> • hazardous material • hazardous waste • USTs/ASTs • asbestos • radon • LBP • PCBs • UXOs • MECs • POLs • EPCRA 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Any necessary UXO removal prior to construction. • No digging during construction downrange; clean soil will be added over existing downrange surfaces. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None Identified.
Solid Waste <ul style="list-style-type: none"> • Construction and Demolition Landfill • Recyclable material 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Debris hauled off-site to C&D Landfill • Recycle concrete/metal debris. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None Identified.

Public and Intergovernmental Review

The EA was released for a 30 day public review period beginning June 27, 2023. The EA and related documents were posted to the Fort Campbell public webpage and on the FC Facebook page. A notice of availability including a request for comments on the draft EA was published in newspapers serving the Fort Campbell area. Comments were accepted through July 31, 2023 via mail and email.

Review comments were received from various agencies and included requirements for stormwater permitting (Tennessee Division of Water Resources) and wetlands determination (U.S. Army Corps of Engineers). Consultation letters and a copy of the EA were mailed to the 12 Tribes having an interest in Fort Campbell by certified mail on July 27, 2023 for a 30 day review. The Chickasaw Nation of Oklahoma replied with no concerns. One request for additional information was received from the Cherokee Nation. No response was received after sending the additional information and the consultation period ended October 25, 2023. The Kentucky and Tennessee State Historic Preservation Offices were consulted with both concurring on the No Historic Properties Effected determination.

Conclusion

Based on the analysis presented in the EA, and the comments received, I find that implementation of the proposed action, in conjunction with the implementation of specified mitigation measures, would have no significant negative impact on the human or natural environment. Therefore, a Finding of No Significant Impact is issued for the proposed action and no Environmental Impact Statement is required.

ORIGINAL SIGNED

CHRISTOPHER J. MIDBERRY
COL, IN
Commander

13 December 2023

DATE

FINDING OF NO PRACTICABLE ALTERNATIVE
for the
CONSTRUCTION AND OPERATION OF A MULTIPURPOSE TRAINING RANGE AT
FORT CAMPBELL KENTUCKY

1.0 Introduction.

To support mission requirements the Department of the Army proposes to construct and operate a multipurpose training range (MPTR; Project Number 96184) with Mobile Protected Firepower (MPF) vehicle capability. The proposed action is slated for construction and operation on the existing 1000-acre Range 28 in the western training area portion of Fort Campbell (see Figure 1). Fort Campbell is a 106,700-acre installation. The proposed MPTR is specifically designed to satisfy the training and qualification requirements for the crews, teams, and sections of infantry, armor, and aviation combat units, a capability that the installation is currently deficient. This range would support dismounted infantry squad tactical live-fire operations, either independently of, or simultaneously with supporting vehicles. The range would be utilized to train and test armor, infantry, and aviation teams, crews, and sections on the skills necessary to detect, identify, engage, and defeat stationary and moving armor and infantry targets in a tactical array.

Wetlands have been identified in the Proposed Action area. Executive Order (EO) 11990, Protection of Wetlands, requires that each federal agency, to the extent permitted by law, "shall avoid undertaking or providing assistance for new construction located in wetlands unless the head of the agency finds: (1) that there is no practicable alternative to such construction and (2) that the proposed action includes all practicable measures to minimize harm to wetlands which may result from such use." The term "wetlands" means "those areas that are inundated by surface or ground water with a frequency sufficient to support and under normal circumstances does or would support a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction."

Fort Campbell contains approximately 2533 acres of wetlands (see Figure 2). Wetlands have unique and important biological functions. They provide critical habitat for many wildlife species, absorb and abate floodwaters, improve water quality by removing pollutants, affect groundwater discharge and recharge, stabilize sediments, abate stormwater; and enhance aesthetics. The proposed action will impact 0.061 acres of ephemeral riverine wetlands by construction of nine low water crossings.

The draft finding was made available for public review and comment for 30 days starting 27 June 2023 with publication of a Notice of Availability (NOA) in the Clarksville Leaf Chronicle, Stewart County Standard, Kentucky New Era, and the Cadiz Record. The NOA was also posted on the Fort Campbell Facebook page. The draft finding, along with the associated Fort Campbell Fiscal Year (FY) 2024 MPTR Environmental Assessment (EA), was available at

<https://home.army.mil/campbell/about/Garrison/dpw/environmental> and the following libraries:

- Clarksville- Montgomery County Public Library, 350 Pageant Lane, Clarksville, TN 37042.
- Christian County Public Library, 101 Bethel Street, Hopkinsville, KY 42240
- Stewart County Public Library, 102 Natcor Drive, Dover, TN 37058
- John L. Street Library, 244 Main Street, Cadiz, KY 42211

The EA and FONPA were also mailed for consultation on 27 July 2023 to 12 Federally recognized Indian Tribes with interests in Fort Campbell actions. The consultation period ended on 25 October 2023 with all comments addressed.

No comments to the FONPA were received in the review period.

This finding incorporates the analysis in the MPTR EA, for which a Finding of No Significant Impact (FONSI) was signed by the Fort Campbell Garrison Commander on 13 December 2023.

2.0 Proposed Action.

The 1000-acre MPTR is specifically designed to satisfy the training and qualification requirements for the crews, teams, and sections of combat units. This range would support dismounted infantry squad tactical live-fire operations, either independently of, or simultaneously with supporting vehicles. The range would be utilized to train and test armor, infantry, and aviation teams, crews, and sections on the skills necessary to detect, identify, engage, and defeat stationary and moving armor and infantry targets in a tactical array. All targets would be fully automated, and the event specific target scenario would be computerized and operated from an on-site control tower. Captured audio/video would be compiled and available to the unit at the after-action review (AAR).

Primary MPTR facilities include a control tower, an operations facility, port-a-john pads with three-sided wind walls, a bleacher enclosure, a covered mess, a non-instrumented range AAR building, an existing ammunition loading dock, six bivouac pads, and unit storage. The range would consist of six moving ammunition targets, 30 stationary targets and berms, four moving infantry targets, 122 stationary infantry targets, ten battle positions, five urban facades, one urban cluster consisting of seven buildings, one helicopter tactical landing area, four camera towers and two machine gun bunkers. The project would require utilities, including storm drainage; fencing; paving; electricity; and communications. Potable water will be trucked on site and a portable toilet contract will provide wastewater services. The MPTR construction would begin in FY 2024.

Construction would include a 17,000 linear foot by 20-foot-wide tank trail with nine ephemeral stream crossings. Wetlands survey has indicated riverine wetlands at the crossings and U.S. Army Corps of Engineers (USACE) Nashville District will determine if 404 Clean Water Act (CWA) permitting is required. Figure 1 shows the locations of the proposed range access roads that cross ephemeral streams. The total impact for the project is 0.061 acres for the ephemeral riverine wetlands. It is anticipated that all sites will include fill since digging on the range without unexploded ordnance (UXO) clearance could produce munition duds. In addition, the crossings will be permitted under a Tennessee Aquatic Resource Alteration Permit for 401 CWA compliance.

3.0 Impacts and Mitigation Measures

Wetlands

EO 11990 states that if the only practicable alternative requires siting in a wetland, the agency shall, prior to taking action, design or modify its action to minimize potential harm to or within the wetland. Alternatives for construction of the MPTR included a new site located in the northwest portion of the North Impact Area. This site was ultimately rejected due to an existing endangered bat habitat set-aside and a wetland that would have been impacted by a minimum of 0.3-acres to gain access to the site.

The site selected for implementation of the Proposed Action would result in the Army impacting 0.061 acres of wetlands.

Under the Proposed Action, the Army would implement best management practices (BMPs) and low-impact-development (LID) measures to reduce the potential for adverse impacts on the wetlands. BMPs and LID measures are incorporated into the Proposed Action to avoid or minimize impacts on wetlands and are collectively described, as follows: Coverage will be obtained under the USACE Nationwide Permit.

Taken together, these and other yet to be determined BMPs and mitigation measures would avoid or minimize the loss of and impacts on ephemeral riverine wetlands (Figure 3. These measures represent all practicable measures to minimize harm to wetlands.

4.0 Finding of No Practicable Alternative

During development of the Proposed Action, the Fort Campbell Environmental Division Office worked proactively to ensure the purpose and need of the Proposed Action was met while also avoiding as many potential impacts to wetlands as practicable. Due to operational requirements, it was determined that complete avoidance of wetlands was not feasible; however, the Proposed Action minimizes potential impacts to the greatest degree practicable while also achieving the required results.

Accordingly, I find there is no practicable alternative to siting the Proposed Action entirely outside of the wetlands; however, the Army will ensure that all practicable measures to minimize impacts are incorporated into the Proposed Action.

30 Jul 24

Date

C O Mohan

Christopher O. Mohan
Lieutenant General, U.S. Army
Deputy Commanding General
and Acting Commander, AMC

Attachments:

Figure 1. MPTR Site Map

Figure 2. Installation Map with Surface Water Features (including wetlands)

References:

EO 11990

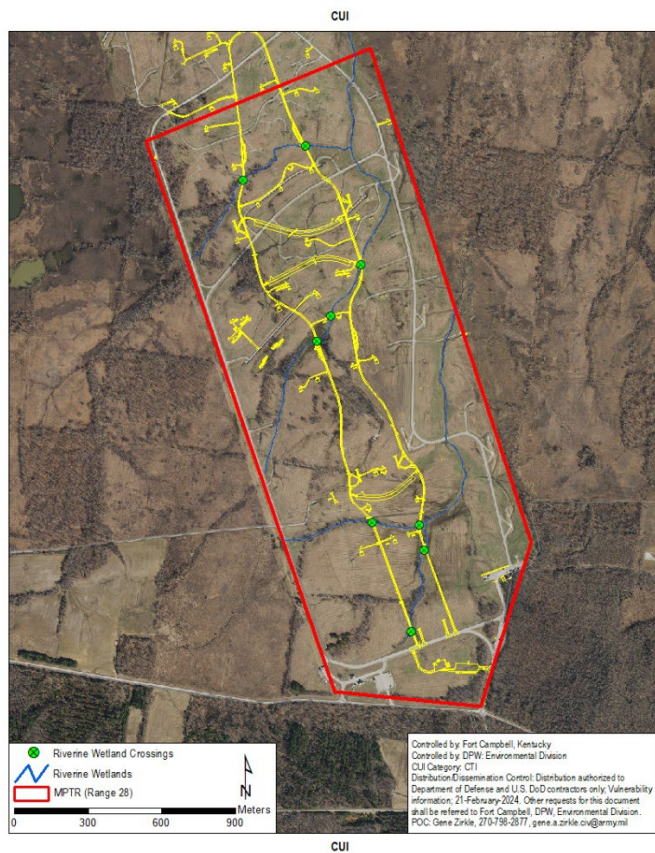


Figure 1. Riverine wetland locations RNG 28 proposed low water crossings

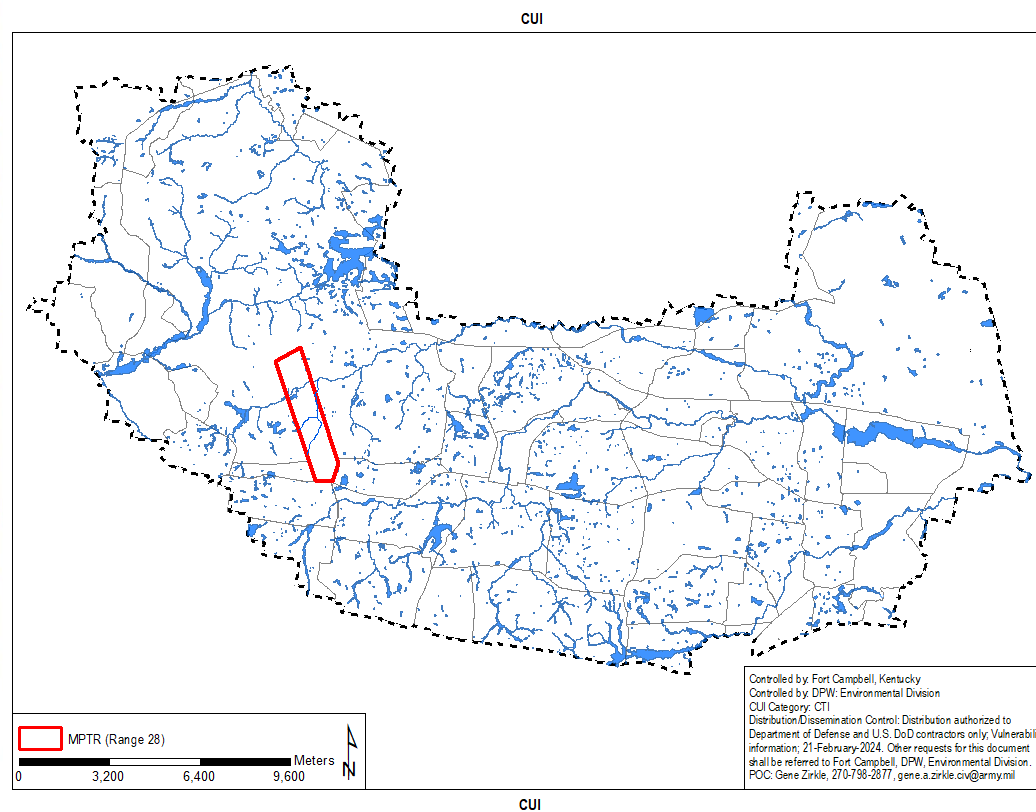


Figure 2: Fort Campbell Map Showing RNG 28 Location and Post-wide Wetlands

Fort Campbell

FY24 Multi- Purpose Training Range

Environmental Assessment

Prepared for

USAG Fort Campbell

Prepared by

Fort Campbell, Directorate of Public Works

Environmental Division, NEPA Program

21 November 2023

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FINAL ENVIRONMENTAL ASSESSMENT
THE CONSTRUCTION AND OPERATION OF A MULTIPURPOSE TRAINING RANGE AT FORT
CAMPBELL, KENTUCKY

EXECUTIVE SUMMARY

This environmental assessment (EA) provides an analysis of the environmental and socioeconomic effects of the following proposed actions. This EA is being undertaken in accordance with the National Environmental Policy Act of 1969 (NEPA) and Title 32 of the Code of Federal Regulations, Part 651, to inform decision makers and the public of likely environmental consequences of the proposed actions and alternatives, and to provide a forum for public feedback.

1.0 DESCRIPTION OF THE PROPOSED ACTION

The proposed action is for the construction and operation of a multipurpose training range (MPTR; Project Number 96182) at Fort Campbell, Tennessee in FY (fiscal year) 2024. Construction and subsequent proposed project operation and maintenance would occur throughout the year at all hours. Fort Campbell is deficient of mounted gunnery ranges according to the 30 March -2 April 2021 planning charrette and follow on 18-19 May 2021 charrette, led by the Department of the Army (DA) Combined Arms Center. Fort Campbell requires a mounted gunnery range allowing long-distance firing for training and qualification. The proposed automated range would support mounted vehicles to include the new Mobile Protected Firepower (MPF) vehicle; no existing Fort Campbell range can support MPF firing and training requirements. However, the decision to construct the MPTR is not dependent on MPF stationing. Army Environmental Command; Army Training and Doctrine Command; Directorate of Planning, Training, Mobilization and Security (DPTMS); and Directorate of Public Works personnel met at the above charrettes to define functionality of a MPTR range and required impact area requirements.

This Environmental Assessment (EA) has been prepared to address effects of constructing and operating the Fort Campbell Multi- Purpose Training Range (MPTR) at the existing Range 28. The proposed MPTR site is located in Stewart County, TN, in the southwest quadrant of the installation.

The objective of this EA is to inform decision makers and the public of the likely consequences of the proposed action and alternatives. If impacts of the proposed action are found to be insignificant, a Finding of No Significant Impact (FONSI) will be prepared and the selected alternative will be implemented. If the environmental impacts of the proposed action are found to be significant according to Council on Environmental Quality criteria (40 CFR 1508.27), a Notice of Intent will be published and an Environmental Impact Statement will be prepared.

This EA has been prepared in accordance with the National Environmental Policy Act of 1969 (NEPA; Title 42 of the United States Code [U.S.C.] 4321-4347); the Council on Environmental Quality "Regulations for

Implementing the Procedural Provisions of NEPA,” 40 Code of Federal Regulations (CFR), Parts 1500 through 1508; and 32 CFR Part 651 “Environmental Analysis of Army Actions.”

1.1 Purpose and Need for the Proposed Action

Fort Campbell is deficient of mounted gunnery ranges that support training and qualification. The proposed automated range construction would provide operation of mounted vehicles and firing long distance munitions.

1.2 What is the Decision to be Made?

The proponent for the proposed action is the Fort Campbell Garrison Commander, who decides which alternative best meets the purpose and need of the proposed action, including location, mitigation, configuration, and supporting infrastructure.

2.0 ALTERNATIVES

Description of Alternatives. Five potentially suitable alternatives were identified for the proposed actions and evaluated against screening criteria. The alternatives are as follows:

2.0.1 Alternative 1: No Action Alternative: The No Action Alternative would not construct and operate a MPTR range. This alternative does not meet the purpose and need; however, the Council on Environmental Quality and Army NEPA regulations require consideration and analysis of the No Action Alternative to provide a baseline against which the other alternatives may be compared.

2.0.2 Alternative 2: Construct and operate a range on the existing RNG 28 in the South Impact Area. The proposed MPTR would overlay the existing RNG 28 Multi-Purpose Range Complex (MPRC) located within the training area of Fort Campbell. The site is bounded by Jordan Springs Road to the south and Artillery Road to the north. The proposed footprint will be located within Tennessee. The existing range has multiple roads, targets, and improved area. The terrain is generally rolling and has a mix of grassland and timber. Several small streams, probable wetlands, and other drainage features cross the proposed footprint. Existing timber necessary for removal will be felled during the 16 November-14 March season to avoid potential impacts to endangered bat species. Potential wetlands were delineated to aid in range design and minimize, if not eliminate, impacts to those water features. A Finding of No Practicable Alternative (FONPA) will be completed for any wetland impacts.

2.0.3 Alternative 3: Considered at charrette held 30 March – 2 April 2021 Construct and operate a range west of RNG 55 and northeast of RNG41 now identified as RNG50 in the North Impact Area with MPF

gunnery capability. The northern 40 percent portion of the proposed site is tree covered. Construction would start north of Petraeus Road at the expanded portion would be non-dudded. The project will include 24 months of unexploded ordnance (UXO) support since the proposed project construction will occur within the training area of an active military installation (DA, 2019). The southern portion of the site is impact area. The proposed alternative would directly adversely affect an endangered bat habitat set aside area. Tree removal would occur within. Additionally, range construction would affect a number of acres of potential wetlands on the north end for proposed entrance road, requiring a wetland delineation and mitigation. Major earthwork would be required This site was eliminated from selection.

2.0.4 Alternative 4: Construct and operate a range at RNG 42 (REC R-19-212) west of Patton Road.

This site was considered in August 2019. The existing Range 42 is located in the northeast portion of the North Impact Area, primarily in Trigg County Kentucky. Construction of the MPTR at this location would affect several wetlands with nexus to Waters of the US and also 63 acres would require a Phase I archeological survey. This site was eliminated from selection.

2.0.5 Alternative 5: Construct and operate a range at RNG 52 (REC R-19-211).

This site was considered in August 2019. The existing Range 52 is located in the southwest portion of the North Impact Area in Trigg County Kentucky. Construction of the MPTR at this location would affect several wetlands with nexus to Waters of the US and also 52 acres would require a Phase I archeological survey. This site was eliminated from selection.

Based on the alternatives screening process, Alternatives 1 and 2 were carried forward for analysis.

3.0 ANTICIPATED ENVIRONMENTAL IMPACTS. The EA analyses found only non-significant impacts on air quality, soil erosion/water resources, threatened and endangered species, wetlands, and cumulative effects for Alternative 2.

4.0 PREFERRED ALTERNATIVE. Of the alternatives considered, the preferred alternative is Alternative 2 – Construct and Operate a MPTR Range on the existing RNG 28.

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Appendix F: Noise Map

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Appendix I: Topographic Map

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Appendix L: Cultural Resources Consultation

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Appendix O: Proposed Soil Storage Area

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1.0 WHAT IS THE PROPOSED ACTION?

The proposed action is for the construction and operation of a multipurpose training range (MPTR; Project Number (PN) 96184 at Fort Campbell, Kentucky. A standard TC 25-8 Training Ranges, Automated Multipurpose Training Range (MPTR) is required to meet the upcoming Mobile Protected Fire Power (MPF) Crew/Section Gunnery requirements. Fort Campbell is deficient in MPTR capable ranges according to the 30 March-2-April and 18-19 May 2021 planning charrettes led by the Department of the Army (DA) Combined Arms Center. Fort Campbell requires a mounted gunnery range allowing long-distance firing for training and qualification. The proposed automated range could support mounted vehicles to include the new Mobile Protected Firepower platform, but the proposed action is not dependent upon stationing of the MPF. The proposed range facility would be constructed in Fiscal Year (FY) 2024. The MPTR will support training requirements of the Army on mounted 7.62, .50 cal, MK19, manned and unmanned aviation platforms, and next generation squad weapons 6.8mm.

Multipurpose Training Range Requirement

The proposed MPTR is specifically designed to satisfy the training and qualification requirements for the crews, teams, and sections of infantry, armor, and aviation combat units. This range would support dismounted infantry squad tactical live-fire operations, either independently of, or simultaneously with supporting vehicles. The range would be utilized to train and test armor, infantry, and aviation teams, crews, and sections on the skills necessary to detect, identify, engage, and defeat stationary and moving armor and infantry targets in a tactical array. A convoy live fire route can include the use of crossover roads. All targets would be fully automated, and the event specific target scenario would be computerized and operated from an on-site control tower. Captured audio/video would be compiled and available to the unit at the after-action review (AAR).

Range construction would begin in FY2024. Primary facilities at the Range Operations Control Area (ROCA) include a 578 square foot (sf) control tower, a 726 square feet (SF) bleacher enclosure, and 1,776 SF non-instrumented range AAR building. ROCA improvements also include 600 square yards (SY) of gravel parking, 500 linear feet (LF) of security fencing, and 250 SY of sidewalks. Six bivouac pads (15 by 25- feet by 6 inches thick each), a 2300 SY gravel staging area, and an 800 SF covered mess will be constructed on the east side of the ROCA. Four portable toilet pads with three-sided wind walls will be dispersed in the area. An existing ammunition loading dock on the eastern boundary will remain.

The range would consist of six moving armor targets, 30 stationary targets and berms, four moving infantry targets, 122 stationary infantry targets, 30 stationary armor targets, 10 battle positions, five urban facades, one urban cluster consisting of seven buildings, two camera towers, 600 LF of trench obstacle and two machine gun bunkers. The project would require utilities to include: storm drainage; fencing; paving; electricity; and communications. Potable water will be trucked on site and a portable toilet contract will provide wastewater services. Additional construction would include a 17,000 LF by 20 foot (ft.)-wide tank trail and a 25,000 LF by 12 ft.-wide maintenance trail. Existing range roads would also continue to be used. Limited clearing of vegetation and grubbing will be necessary (70 acres).

1.1 WHAT IS THE PURPOSE AND NEED FOR THE PROPOSED ACTION?

Fort Campbell is deficient of mounted gunnery ranges that support training and qualification. Additionally, the new MPF vehicle would enable instantaneous, long-range direct fire to counter enemy threats. The proposed automated range construction would provide operation of mounted vehicles and firing long distance munitions.

1.2 WHAT IS THE DECISION TO BE MADE?

The proponent for the proposed action is the Garrison Commander of the Installation who decides which alternative best meets the purpose and need of the proposed action, including location, mitigation, configuration, and supporting infrastructure.

1.3 WHAT IS THE SCOPING AND PUBLIC INVOLVEMENT PROCESS?

The proposed action warrants an environmental assessment (EA) based on 32 Code of Federal Regulations (CFR) Part 651 Appendix B, subparagraph (c)(1) due to new construction exceeding 5.0 cumulative acres of new surface disturbance. This EA was prepared in accordance with the NEPA of 1969 [42 United States Code (USC) 4321 et seq.], Council on Environmental Quality (CEQ) Regulations 40 CFR Parts 1500-1508, and Army Regulations (ARs) 32 CFR Part 651 (Environmental Analysis of Army Actions; DA 2002). This EA will evaluate the potential impacts of the proposed project, inform decision makers and the public of likely environmental consequences of the proposed actions and alternatives, provide a forum for public feedback, and will include a determination of a Finding of No Significant Impact (FONSI) or a Notice of Intent to prepare an Environmental Impact Statement (EIS) and record of decision (ROD). Pursuant to 32 CFR Part 651, this EA will evaluate the potential environmental impacts of the project and cumulative impacts (CEQ, 1997). These actions are based on the best information and data available as of April 2022. Additionally, EO 11990 requires federal agencies to publish a finding of no practicable alternative (FONPA) and provide an opportunity for early public review of plans or proposals for new construction in wetlands. The Public Review and Agency comment period was June 27 through July 27, 2023.

A Notice of Availability (NOA) for the Draft EA, FONSI, and FONPA was published in the following newspapers initiating a 30 day public review period:

The Leaf Chronicle- Clarksville, TN (June 27, 2023)

Stewart County Standard -Dover, TN (June 27, 2023)

Kentucky New Era -Hopkinsville, KY (June 27, 2023)

Cadiz Record -Cadiz, KY (June 29, 2023)

The NOA was also posted on the Fort Campbell Public Page and Fort Campbell Facebook.

This EA, draft FONSI, and FONPA was made available to state and federal agencies (See Section 8.0.2) by email request and to the public for a 30-day review at the following locations:

Clarksville- Montgomery County Public Library, 350 Pageant Lane, Clarksville, TN 37042.

Christian County Public Library, 101 Bethel Street, Hopkinsville, KY 42240

Stewart County Public Library, 102 Natcor Drive, Dover, TN 37058

John L. Street Library, 244 Main Street, Cadiz, KY 42211

See Appendix P for agency comments. No public comments were received (See Appendix Q). The EA was mailed for consultation on 27 July 2023 to 12 Federally recognized Indian Tribes with interests in Fort Campbell actions. The consultation period ended on 25 October 2023 with all comments addressed (See Appendix R). A final FONSI will be prepared.

2.0 WHAT ARE THE ALTERNATIVES CONSIDERED IN THIS EA?

Alternative 1 -No Action: The No Action Alternative would not construct and operate a MPTR range. This alternative does not meet the purpose and need; however, the Council on Environmental Quality and Army NEPA regulations require consideration and analysis of the No Action Alternative to provide a baseline against which the other alternatives may be compared.

Alternative 2- Preferred Action: Construct and operate a range on the existing RNG 28 in the South Impact Area.

Existing Conditions

The project site is located approximately 14.25 miles west of the intersection of 101st Airborne Division Rd. and Jordan Springs Rd. on the existing footprint of Range 28 in the westernmost range complex in Fort Campbell, Stewart County, Tennessee. It is generally bound by Jordan Springs Rd. to the south and Artillery Rd. to the north. The Tennessee/Kentucky state line is just north of the northern boundary of the site. See Appendix A.

Range 28 is currently used as a maneuver and aerial gunnery range. The site includes existing buildings, roads, battle positions, target emplacements, underground power and communications, and storm drainage. It is mostly clear of vegetation except for several areas on the west side of the site that total approximately 70 acres. It generally drains from the west to the east to Noah's Spring Branch.

The proposed MPTR would overlay the existing RNG 28 Multi-Purpose Range Complex (MPRC) located within the training area of Fort Campbell. The site is bounded by Jordan Springs Road to the south and Artillery Road to the north. The proposed footprint will be located within Tennessee. The existing range has multiple roads, targets, and improved area. The terrain is generally rolling and has a mix of grassland

and timber. Several small streams, probable wetlands, and other drainage features cross the proposed footprint. Existing timber necessary for removal will be felled during the 16 November-14 March season to avoid potential impacts to endangered bat species. Fort Campbell Environmental Division and Nashville District US Army Corps of Engineers (NCOE) personnel met at RNG 28 on 19 April 2022 to develop a strategy for managing any impacts to potential wetlands. Discussion during the visit was that not all “wetland like” areas in the footprint may be wetlands but a delineation and jurisdictional determination would be required. Fort Campbell wetlands GIS will be updated. Wetlands mitigation credits may still be required for loss of wetlands due to the construction activity. The potential wetlands were delineated on 16 March 2023 to aid in range design and minimize impacts to those water features. Fort Campbell will submit a delineation report to NCOE and develop the permitting application under a Nation-wide 404 permit. Tennessee Division of Water Resources permitting requirements for streams and wetlands will also be identified. See Appendix K.

Alternative 3- New RNG west of RNG55: Considered at charrette held 30 March – 2 April 2021 Construct and operate a range west of RNG 55 and northeast of RNG41 now identified as RNG50 in the North Impact Area with MPF gunnery capability. The northern 40 percent portion of the proposed site is tree covered. Construction would start north of Petraeus Road. The expanded portion would be non-ducted. The project will include 24 months of unexploded ordnance (UXO) support since the proposed project construction will occur within the training area of an active military installation (DA, 2019). The southern portion of the site is impact area. The proposed alternative would directly adversely affect an endangered bat habitat set aside area. Tree removal would occur within. Additionally, range construction would affect a number of acres of potential wetlands on the north end for proposed entrance road, requiring a wetland delineation and mitigation. Major earthwork would be required. This site was eliminated from selection. See Appendix C.

Alternative 4- RNG 42 west of Patton Rd: This site was considered in August 2019. The existing Range 42 is located in the northeast portion of the North Impact Area, primarily in Trigg County Kentucky. Construction of the MPTR at this location would affect several wetlands with nexus to Waters of the U.S. 63 acres would require a Phase I archeological survey. This site was eliminated from selection. See Appendix C.

Alternative 5- RNG 52 Construct and operate a range at RNG 52: This site was considered in August 2019. The existing Range 52 is located in the southwest portion of the North Impact Area in Trigg County Kentucky. Construction of the MPTR at this location would affect several wetlands with nexus to Waters of the U.S. 52 acres would require a Phase I archeological survey. This site was eliminated from selection. See Appendix C.

2.1 WHAT IS THE ALTERNATIVES SCREENING PROCESS?

The screening criteria listed below are used to assess the reasonable alternative(s) to be considered in this EA:

2.1.1

Alternatives considered in this EA may not conflict with existing mission assignments and training activities or future mission assignments and training activities that are programmed and funded. Alternatives that disrupt, displace, or eliminate necessary mission activities or future mission activities will be eliminated from full consideration.

2.1.2 Support mission requirements. Alternatives considered must support and provide for the mission requirements of Soldiers at the Installation.

2.1.3 Maintain regulatory compliance. Alternatives considered must allow for compliance with all state and federal regulations.

2.1.4 Maintain safety of Soldiers and Civilians. Alternatives considered must not pose any danger to any Soldiers or Civilians on the Installation.

2.1.5 Avoid significant impacts to environmentally sensitive resources. Alternatives considered must avoid significant impacts to environmentally sensitive resources on the Installation.

2.1.5.1 Alternatives Eliminated From Full Analysis: Alternatives 3, 4, and 5 will be eliminated from full analysis in this EA based on the alternatives screening process.

Alternative 3 would impact federally endangered species. Alternative 3 would result in a significant biological impacts defined as: substantial permanent conversion or net loss of habitat at the landscape scale; long-term loss or impairment of a substantial portion of local habitat (species-dependent); and unpermitted “take” of threatened and endangered species (DA, 2021). Alternative 3 would impact the bat habitat set-aside.

Alternatives 4 and 5 would affect several wetlands with nexus to Waters of the US and also require extensive archeological Phase I surveys. These sites were eliminated from selection.

2.1.5.2 Alternatives Carried Forward For Full Analysis: Alternatives 1-2 will be carried forward for full analysis in this EA.

2.2 WHAT IS THE PREFERRED ALTERNATIVE?

Of the alternatives considered, the preferred alternative is Alternative 2 – Construct and Operate a Range north of Jordan Springs Road and south of Artillery Road on the RNG28 footprint. This is the only alternative that will fully satisfy the purpose and need for the mission. Alternative 2 was additionally re-configured during the charrette as specified in this EA to minimize and avoid endangered bat impact. See Appendix B for range surface danger zone (SDZ).

3.0 ASSOCIATED MPF-FIELDING PROJECTS AND/OR PROJECTS ASSESSED FOR CUMULATIVE ENVIRONMENTAL IMPACTS

If future projects are required to support the M10 Booker (Mobile Protected Firepower) vehicle stationing and operation at Fort Campbell those projects will be assessed in a separate programmatic NEPA document.

4.0 ANTICIPATED ENVIRONMENTAL IMPACTS

4.1 Environmental Setting

Fort Campbell is in southwestern Kentucky and northwestern Tennessee, within portions of four counties: Christian and Trigg counties in Kentucky, and Montgomery and Stewart counties in Tennessee. Fort Campbell lies within the Western Highland Rim physiographic province, which forms a transition area between Kentucky farmlands to the north, the steeply dissected and wooded rim of the Cumberland River to the south and west, and gently rolling hills of low to moderate relief to the east.

The project site is located approximately 14.25 miles west of the intersection of 101st Airborne Division Rd. and Jordan Springs Rd. on the existing footprint of Range 28 in the westernmost range complex in Fort Campbell, Stewart County, Tennessee. It is generally bound by Jordan Springs Rd. to the south and Artillery Rd. to the north. The Tennessee/Kentucky state line is just north of the northern boundary of the site.

Range 28 is currently used as a maneuver and aerial gunnery range. The site includes existing buildings, roads, battle positions, target emplacements, underground power and communications, and storm drainage. It is mostly clear of vegetation except for several areas on the west side of the site that total approximately 70 acres. It generally drains from the west to the east to Noah's Spring Branch.

4.2 ENVIRONMENTAL RESOURCES NOT IMPACTED

This section describes the potential effects of each alternative to baseline environmental resource conditions the Installation. An analysis of the potential direct and indirect effects associated with each of the

alternatives immediately follows the description of each environmental resource. The analysis also includes cumulative effects potentially resulting from the incremental impact of an action when added to other past, present, and reasonably foreseeable future actions. Impact classification occurs by identification according to the impact severity (i.e., no impact, non-significant impact, significant impact). Impacts are further identified as short-term or long-term. Both the affected environment and environmental consequences are described for comparison within broad resource areas. The following resources considered based on the 2007 Army NEPA Analysis Guidance Manual are:

- Air Quality and Climate Change
- Airspace
- Cultural Resources
- Energy (Utilities)/ Facilities
- Hazardous and Toxic Substances and Waste
- Land Use
- Noise
- Solid Waste
- Socioeconomics, Environmental Justice, and Protection of Children
- Traffic and Transportation

See Appendix E for the summary list of resources and associated impacts. The following resource areas are not discussed in detail in this EA:

4.2.1 Air Quality and Climate Change: Emissions associated with mobile sources during construction and tree removal will be short-term and temporary. The United States Environmental Protection Agency (EPA) presently designates this region as an attainment area for all criteria pollutants. As a result, an applicability analysis and formal conformity demonstration under the general conformity rule are not required for the proposed action.

The existing KOHLER 60REOZJC generator at Range 28 is currently on Fort Campbell's TN Title V Permit. According to the permit the generator can only run 100 hours outside of emergency use, this includes maintenance and readiness testing. Once hooked up, the Air Quality Program will need to be notified of the current hours on the meter and the hours after the test run. Hours will need to be reported monthly.

Any additional MPTR operational related generators will also be owned and operated by Fort Campbell's Directorate of Public Works. Fort Campbell will assume all the air quality regulatory compliance standards for these generators.

The DPW Forestry, Conservation Branch, will harvest merchantable timber and remaining vegetation will be removed off-site; burning of land clearing debris will not occur.

The EO 13990 (Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis) outlines policies intended to ensure federal agencies capture greenhouse gas (GHG) emissions while factoring in compounded global emissions. The GHGs are components of the atmosphere that trap heat relatively near the surface of the earth, and therefore, contribute to the greenhouse effect and climate change. Most of the GHGs occur naturally in the atmosphere, but concentrations increase from human activities such as burning fossil fuels. Global temperatures are expected to continue to rise as human activities continue to add carbon dioxide (CO₂), methane, NO_x, and other greenhouse (or heat-trapping) gases to the atmosphere. Whether rainfall will increase or decrease remains difficult to project for specific regions (IPCC, 2007). Forested areas act as a sink (absorbing CO₂ from the atmosphere) or a source (fire, conversions, and timber harvesting) of GHG emissions. In the United States, managed forests absorb more CO₂ from the atmosphere than is emitted. Approximately one-half to two thirds of CO₂ from the forest product is emitted at the time of harvest depending on species and region within the United States (USEPA, 2021). Land management activities can both contribute to and reduce GHG emissions (CEQ, 2016). The proposed project will remove 70 acres of forested land. The proposed action will have negligible impacts on regional or local air quality. The proposed action will additionally have negligible impacts to global climate change and the associated Social Cost.

The Tennessee Division of Air Pollution Control recommends that vehicles associated with the construction of the range use up-to-date emission control technologies and minimize idling. Also recommended is the use of wet suppression or other methods to control fugitive dust. The recommendations will be communicated to the project manager, U.S. Army Corps of Engineers.

4.2.2 Airspace: The Federal Aviation Administration (FAA) manages all airspace within the US and its territories. The FAA recognizes the military needs to conduct various flight operations and training within airspace other than commercial and general aviation. Most military operations are conducted within designated airspace and follow specific procedures to maximize flight safety. Neither alternative requires altering airspace designation, expansion, or usage. Therefore, airspace is eliminated from further analysis.

4.2.3 Cultural Resources: Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of the project undertaking on historic properties. Historic properties include buildings, archaeological sites, objects, districts and landscapes that are fifty years old or older and are eligible for listing in the National Register of Historic Places (NRHP) due to their association with an event, person, architectural features, or have the potential to provide new information about the past.

The project Area of Potential Effects (APE) for direct and indirect effects had been partially surveyed for archaeological resources. The areas not surveyed were located within the Impact Area and are considered exempt from archaeological inventory due to safety concerns, per the Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance and Development of the Fort Campbell Army Installation at Fort Campbell, Kentucky (Effective as amended December, 2020). No buildings over fifty years old were within the APE, and there were four known archaeological sites within the APE. Sites

40SW0157, 40SW0158, 40SW0159, and 40SW0571 were determined not eligible for NRHP listing and the Tennessee State Historic Preservation Office (SHPO) concurred with that determination.

Fort Campbell consulted with both the Kentucky and Tennessee SHPOs with the determination of No Adverse Effect to Historic Properties. Tennessee concurred in a letter dated 2 March 2022 and Kentucky concurred in a letter dated 22 March 2022. See Appendix L for consultation details.

Fort Campbell consulted with the Tennessee SHPO in June 2023 after it was determined that an additional dirt staging area (75 acres) was necessary due to USACE requirements and UXO concerns. Fort Campbell made a determination that the dirt staging area would have No Adverse Effect to Historic Properties. Tennessee concurred in a letter dated 15 June 2023. See Appendix L for consultation details.

4.2.4 Energy (Utilities)/Facilities: The primary sources of energy utilized at Army installations include electricity, natural gas, fuel oil, and propane. Neither alternative results in utilizing a novel energy mode. Neither alternative requires demolition of facilities or any supporting utilities. Alternative 2 requires constructing supporting electrical and communication lines; however, these utilities would tie into existing utility lines. Existing utilities could support the electrical and communication load required to operate Alternative 2. Therefore, facilities and energy/utilities are eliminated from further analysis.

4.2.5 Hazardous Waste and Materials: The proposed actions will not impact asbestos-containing materials or lead-based paint. Operational vehicles will require routine refueling. In addition, vehicle fluids, although changed out during maintenance activities, may periodically need to be topped-off. Grease or other lubricants may be applied on as needed. Technical manuals will outline procedures to minimize the likelihood of a spill during refueling and topping off fluids. Personnel will follow spill prevention plans and standard operating procedures to prevent, or clean and dispose of material in the event of a spill. Munitions, which contain hazardous components, are required for effective crew training. Soldiers receive training on safe handling of munitions. Spent casings will be disposed in accordance with installation procedures and environmental laws and regulations (DA, 2020). As a result, hazardous waste and hazardous materials will not be impacted or produced by the proposed action.

4.2.6 Land Use: The proposed project location is on a designated existing range and impact area. There are no Installation Restoration Program or Military Munitions Response Program issues associated with the proposed action. The project requires UXO support during construction activities. The proposed project area will continue to be used as a range; therefore, will not affect existing land use.

4.2.7 Noise: Vehicle operational noise is expected to range from approximately 90 decibels (dB) at idle to 120dB at full operational velocity. Live fire exercises will generate impulse noise. The MPF's main cannon is expected to generate Sound Pressure Levels (SPLs) up to 180dB at ignition with an equal SPL at impact downrange. The smaller-caliber coaxial weapons are expected to generate SPLs up to 165dBs. Live fire exercises will be intermittent and may temporarily disrupt wildlife and neighboring communities when occurring. Indirect noise impacts would occur due to construction (DA, 2021). The Fort Campbell Joint Land Use Study (Appendix H) demonstrates the proposed project area intersects an existing noise zone of Fort Campbell consistent with experiencing large arms firing and ordnance blasts. Therefore, the proposed actions will have no effect on the existing noise levels.

4.2.8 Solid Waste: There will be no impacts to solid waste management. The Fort Campbell Construction and Demolition (C&D) Landfill is operational and will accept any C&D waste from the project. All contractors will use the C&D Landfill for C&D and asbestos waste disposal. The contractor is responsible to maintain data of all waste disposed and materials recycled off Fort Campbell. Fort Campbell Environmental Pollution Prevention Branch, Solid Waste/Recycling Office is responsible for compiling data into monthly reports for the Construction Waste Management Report. A provided form from the Solid Waste/Recycling Office or a contractor form will be filled out with the type of waste or recycled material, the weight of the waste/material (tons or pounds) and the facility the waste or recyclables were delivered. This information is required to be sent to the Fort Campbell Solid Waste/Recycling Office by 15th of each month. POC: Pollution Prevention Branch, DPW Environmental Division, BLDG 5134, Wickham Avenue.

The Fort Campbell C&D Landfill will accept certain recyclable items: 1) concrete, brick, block and asphalt (shall be tested and free of asbestos and lead based paint to be recycled; shall be no larger than two-foot by two-foot pieces or equivalent; shall be minimal amount of dirt in load; shall have no rebar protruding out of the concrete) 2) trees and tree limbs shall be cut to six feet or less in length-the landfill no longer accepts tree stumps.- if the tree has a large diameter (example three feet.) it shall be cut to lengths of three feet or less - will accept ground wood chips 3) pallets - serviceable and non-serviceable pallets

Except for the above, the C&D Landfill does not accept most recyclable materials (ie., cardboard, scrap metal). Contractors may take recyclables to the Fort Campbell Convenience Center, BLDG 6802 A Shaw Valley Road. POC: Pollution Prevention Branch, DPW Environmental Division.

State Law and Fort Campbell regulations requires covering waste or recyclable loads to prevent litter. All waste or recyclable material loads are subject to inspection while being present on Fort Campbell. All recyclable materials generated from a construction or demolition job are property of the government unless the contract specifies that the contractor can retain the materials.

4.2.9 Socioeconomics, Environmental Justice, and Protection of Children: EO 12898 (Federal actions to Address Environmental Justice in Minority Populations and Low- income Populations) requires federal agencies to identify and address “disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations.” The alternatives will be contained within the Fort Campbell boundary on un-inhabited, training and range land; consequently, there will be no direct effect to minority or low-income populations.

In accordance with EO (Protection of Children from Environmental Health Risks and Safety Risks) 13045, all federal actions must evaluate whether there would be any impacts on populations of children in the region from the proposed actions. There will be no environmental or socioeconomic impacts that will cross installation boundaries into areas with populations of children, therefore, there would be no impacts on children or low-income populations resulting from alternatives analyzed in this EA (EPA, 2020; see Appendix I).

4.2.10 Traffic and Transportation: The proposed action will cause a minor increase in traffic volume on Jordan Springs Road but will have no long- term effect on existing traffic.

4.3 IMPACTED ENVIRONMENTAL RESOURCES. Resources impacted include soil erosion/water resources (including wetlands) and threatened and endangered species. See Appendix F.

4.3.1 Soil Erosion/Water Resources: Soil and sediment erosion results in elevated stream sedimentation rates and turbidity levels. Primary sources include unpaved roads, drop zones, landing zones, flight strips, artillery firing points, borrow pits, clear-cut operations, and stormwater runoff from developed areas. Fort Campbell monitors water quality to identify erosion specifically associated with streams and wetlands for the purpose of restoring eroded areas. The installation manages stormwater according to National Pollution Discharge Elimination System Storm Water Permit provisions under the Tennessee Division of Water Resources and Kentucky Division of Water.

For construction projects that disturb soil Fort Campbell requires a Stormwater Pollution Prevention Plan (SWPPP) to minimize sediment discharge to waterways and permit coverage on one acre or greater projects from the applicable state water resources agency.

4.3.1.1 Potential Effects of the Proposed Alternatives

4.3.1.1.1 Alternative 1: No Action Alternative

Potential Impacts: Under the No Action Alternative, no construction or tree removal will occur. Therefore, this alternative would have no impact on water resources in the area.

Cumulative Impacts: The No Action Alternative would not alter the topography or geology of the soils from the present conditions aside from the natural process that occurs; therefore, there would be no additional cumulative impacts on water resources.

4.3.1.1.2 Alternative 2: Construct and Operate a Multipurpose Training Range at the Existing RNG28

Potential Impacts: The preferred site is located entirely within Stewart County Tennessee and all construction activities will take place in the State of Tennessee. The water resource flowing through Range 28 is part of the Noah's Spring Branch Sub-watershed, which covers approximately 18,734 acres of training and impact area, about 27 percent of which is forested. The headwaters of Noah's Spring Branch originate entirely on Fort Campbell, in the southwest portion of the installation. Noah's Spring Branch flows through the Impact Area, and then along the north central installation boundary.

Construction of the proposed MPTR will require a Stormwater Pollution Prevention Plan (SWPPP) approved by the DPW Water Management Branch. In addition, the proposed construction exceeds one acre and therefore Tennessee permit coverage will be required. Construction of the range will require a SWPPP designed to meet requirements set forth in Tennessee Construction General Permit TNR10. Plans will be developed per criteria in the Tennessee Erosion and Sediment Control Handbook (2012), and Division of Water Resources Best Management Practices Manual for post construction Stormwater Management. Phasing will be required to limit soil disturbance to less than 50 acres at any one time.

Development and redevelopment exceeding one acre requires water quality treatment for the first inch of rainfall (Session Law 2006-246). Section 438 of the Energy Independence and Security Act (EISA) of 2007 requires development and redevelopment projects exceeding 5,000 square feet to maintain or restore

predevelopment hydrology (including temperature, rate, volume, and duration of flow) to the maximum extent technically feasible. The EPA has issued guidance that on-site management of the total volume of rainfall from the 95th percentile storm addresses Section 438 of EISA. The 95th percentile rain event is equal to 1.8 inches of rainfall for this locality. To comply with Section 438 of EISA, a variety of low-impact development methods, such as vegetated swales and bio-retention, will be incorporated into the development to attain the goal to retain the maximum percentage of stormwater on-site.

The Corps of Engineers or the construction contractor would be responsible for obtaining all necessary stormwater and erosion control project review and permits from the TN Division of Water Resources. The overall design objective is to maintain or restore pre-development hydrology and prevent any net increase in stormwater runoff. The construction phase will follow a Stormwater Pollution Prevention Plan (SWPPP) under permit coverage from the Tennessee Division of Water Resources to minimize sediment discharge to the unnamed tributaries of Noah's Spring Branch. Adherence to these laws and regulations will result in a non-significant impact to water resources due to additional stormwater runoff. The footprints of all chosen utilities will be included within the limits of disturbance for the entire project.

The United States Department of Agricultural (USDA) Natural Resources Conservation Service Web Soil Survey tool provided a map and approximate percentage of soil-type within the proposed project limits. (<https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>). The majority soil types and approximate percentages occur in the project area; Dickson silt loam Da, Db, and Sa: 53.3 percent, and Taft silt loam, 11.1 percent. See Appendix H for the complete soil map and report.

The proposed action would not result in significant water resource impacts (exceedance of total maximum daily loads for sediments that causes a change in surface water impairment status, or an unpermitted direct impact to a water of the U.S), or soil impacts defined by the DA (soil loss or compaction from Army training to the extent that natural reestablishment of native vegetation within two growing seasons is precluded on a land area greater than a total of 1,000 acres; or loss of soil productivity due to construction activities, which converts the soil to improved infrastructure on more than five percent of land under administrative control of the installation) (2021).

Actions under Alternative 2 will comply with the soil conservation measures and the Installation's Stormwater Management Plan because the Fort Campbell Compliance Branch will review designs prior to any ground disturbance to ensure adherence to permit conditions. Additionally, by following the required permitting processes and following Fort Campbell's strict requirements for erosion control and planning, cumulative impacts to water resources will be non-significant.

Wetlands and Floodplains:

The legal definition of a wetland in the Clean Water Act (CWA) is "...those areas that are inundated or saturated by surface water at a frequency to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted to life in saturated soil conditions. Wetlands typically include swamps, marshes, bogs, and similar areas" (33 CFR 328.3(b)). Wetlands provide essential breeding, spawning, nesting, and wintering habitats for many fish and wildlife species. Wetlands also enhance the quality of surface waters by impeding erosive forces of moving water and trapping waterborne sediment

and associated pollutants, maintaining base flow to surface waters through the gradual release of stored floodwaters and groundwater, and providing a natural means of flood control and storm damage protection through the absorption and storage of water during high-runoff periods. Fort Campbell utilizes data from wetland surveys and the National Wetland Inventory (NWI) for National Environmental Policy Act (NEPA) reviews. The installation utilizes both GIS and web-based data from the USFWS. Current data indicates 1,463 wetlands encompassing 4,883 acres are located on the installation (Figure 9). Limited field surveys for wetlands have been conducted since the late 1990's but have not been continued due to the high cost. Funding requests for survey efforts are submitted annually.

Floodplains moderate flood events, enhance water quality, recharge groundwater, and stabilize stream channels. Additionally, floodplains provide valuable habitat for fish, wildlife, and plants; recreational opportunities; and aesthetic benefits. The EO 11988 (Floodplain Management) requires federal agencies to "provide leadership and take action to reduce the risk of flood loss; minimize the impact of floods on human safety, health, and welfare; and restore and preserve the natural and beneficial values served by floodplains in carrying out the agency's responsibilities." Additionally, EO 11988 defines floodplains relatively flat lowland areas adjoining inland and coastal waters subject to a one percent or greater chance of flooding in any given year (i.e., 100-year floodplain). The Federal Emergency Management Agency delineates the regulatory 100-year floodplain for use in the National Flood Insurance Program. No floodplains will be impacted by the construction of the MPTR. See Appendix J.

In reference to any impacts on designated or potential wetlands on the proposed site, construction would include a 17,000 linear foot (lf) by 20 foot (ft.)-wide tank trail with nine stream crossings. A wetlands survey conducted on 16 March 2023 has indicated a wetland at only one of the crossings and consultation with Nashville District U.S. Army Corps of Engineers will be completed. Appendix K includes an aerial map showing the locations of the proposed range access roads that cross ephemeral streams and one emergent wetland. The total impact for the project is 0.067-acres and that includes the stream crossings. The ephemeral wetland acreage is approximately two (2) acres and the impacted area is less than 1 tenth of an acre. It is anticipated that all sites will include fill since digging on the range without UXO clearance could produce munition duds. The other four are ordinary stream crossings and will be permitted under a Tennessee Aquatic Resource Alteration Permit.

A storage area of approximately 75 acres located to the west of the ROCA and north of Jordan Springs Road is proposed for needed fill soil requirements. Best management practices to control runoff and prevent soil transport into the Weaver Branch of Noah's Spring Branch will be installed. See Appendix O.

4.3.2 Threatened and Endangered Species:

4.3.2.1 The No Action Alternative will result in no significant impacts on endangered species.

4.3.2.2 Alternative 2: Construct and Operate a Multipurpose Training Range on the Existing RNG28

Potential Impacts: Three bat species occur adjacent to the proposed project footprint and forested habitat within the range is minimal and less than suitable given the openness of the range. All tree removal activities will occur during the winter while the bats are in hibernation and will not adversely impact these species. An evaluation conducted by Fort Campbell biologists determined the proposed project footprint will not adversely affect the known endangered bat species utilizing adjacent forested habitat.

4.4 CUMULATIVE IMPACTS:

Future projects will include new tank and maneuver trails to access the MPTR; these trails will be constructed under a separate project not dependent on this proposed action and will be analyzed under a future Environmental Assessment and/or Environmental Impact Statement.

5.0 IMPACT SUMMARY

No significant impacts will occur as a result of implementing the proposed action provided all mitigation measures as specified in this EA are achieved rendering an EIS and ROD unwarranted. The Army will prepare and publish a FONSI to document this decision. The FONSI will summarize briefly why the proposed action will not significantly affect the environment.

6.0 CONCLUSION

In summary, the Proposed Action, “ Alternative 2: Construct and Operate a Multipurpose Training Range on the Existing RNG28”, is not expected to cause significant adverse effects to the environment and is not expected to result in significant environmental improvements relative to the existing conditions. Therefore, the effects of the Proposed Action are not considered significant as defined by the NEPA implementing regulations (40 CFR 1508.27 and 32 CFR 651).

7.0 PREPARATION AND CONSULTATION

7.0.1 List of Preparers: This document was prepared for the Fort Campbell DPW by Mr. Dan Etson, NEPA Program Manager.

7.0.2 List of Persons Consulted: The following persons were consulted during the development of this EA:

- Doan, Tuyen Minh, Solid Waste, DPW Environmental, Fort Campbell, KY
- Lockard, Patrica, Air Quality, DPW Environmental, Fort Campbell, KY
- Pampell, Rehanon, AG Lease, DPW Environmental, Fort Campbell, KY
- Sorensen-Mutchie, Nichole, Cultural Resources, DPW Environmental, Fort Campbell, KY
- Zirkle, Gene, Wildlife Biologist/Wetlands, DPW Environmental, Fort Campbell, KY

7.0.4 LITERATURE CITED

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Department of the Army (DA) Combined Arms Center. Fort Campbell FY 24 MPTR (Tech Team) Outbrief 18-19 May 2021.

Clean Water Act, 33 U.S.C. §§ 1251-1377 (1972; as amended 1994).

General Permit for Stormwater Discharge from Construction Activities, Section 402, CWA.

Environmental Protection Agency, Protection of Environment, 32 CFR Part 260- 299.

Endangered Species Act of 1973 (as amended), U.S. Fish and Wildlife Service, Washington, DC, 1988.

Environmental Analysis of Army Actions, 32 CFR Part 651.

National Environmental Policy Act of 1969 (as amended; 40 CFR 1500 et seq.),

U.S. Environmental Protection Agency, Washington, D.C., 1975.

National Historic Preservation Act 16 U.S.C. §§ 470a et seq. (1966, as amended 2016).

National Pollutant Discharge Elimination System General Permit for Storm Water Discharge from Construction Activities, Section 402, CWA.

United States Department of Agriculture Soil Survey Custom Report. Accessed 18 April 2023. Available online at: <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

United States Environmental Protection Agency Environmental Justice Screening and Mapping Tool (Version 2.11). Accessed 18 April 2023. Available online at <https://ejscreen.epa.gov/mapper/>.

United States Corps of Engineers Louisville District. Army MILCON Parametric Design Report; Automated Multipurpose Training Range –PN93184 FY24. December 2021.

United States Corps of Engineers Louisville District. 35 % DESIGN SUBMITTAL Design Analysis Multipurpose Training Range (MPTR) Fort Campbell, Kentucky PN 93184 FY24. 16 May 2022.

8.0 DISTRIBUTION LIST: As part of the internal and public review and comment process on this document, the following libraries and agencies have received emailed electronic copies of the EA and draft FONSI

8.0.1 Libraries:

- Clarksville- Montgomery County Public Library, 350 Pageant Lane, Clarksville, TN 37042.
- Christian County Public Library, 101 Bethel Street, Hopkinsville, KY 42240
- Stewart County Public Library, 102 Natcor Drive, Dover, TN 37058
- John L. Street Library, 244 Main Street, Cadiz, KY 42211

8.0.2 Agencies

- Tennessee Department of Environment and Conservation, Nashville Field Office, 711 R.S. Gass Blvd., Nashville, TN 37216
- US Fish and Wildlife Service, Tennessee Ecological Services Office, 446 Neal Street, Cookeville, TN 38501
- Tennessee Wildlife Resources Agency, Ellington Agricultural Center, 5105 Edmonson Pike, Nashville, TN 37211
- US Army Corps of Engineers, Nashville District Regulatory Branch, 3701 Bell Road, Nashville, TN 37214
- US Environmental Protection Agency, Region 4, 61 Forsyth Street SW, Atlanta, GA 30303
- Tennessee State Historic Preservation Office 2941 Lebanon Pike Nashville, TN 37214
- Kentucky Heritage Council State Historic Preservation Officer 410 High Street Frankfort, KY 40601

See Appendices P, Q, and R for Notices of Availability (NOAs) published, agency comments, and Tribal Consultation documents.

Fort Campbell Range 28 Proposed MPTR



LEGEND

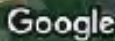
- Existing SAT (37ea)
- Existing SIT Emplacement (154ea)
- Existing MIT Emplacement (44ea)
- Existing MAT Emplacement (9ea)
- Existing BP (6ea)
- Proposed SAT-Frontal (10ea)
- Proposed SAT-Flank (6ea)
- Proposed SAT-Fr over existing (14ea)
- Proposed 7-man SIT Cluster (14ea)
- Proposed 6-man SIT Cluster w/MIT (4ea)
- Proposed MAT (3ea New / 3ea Reuse)
- Proposed BP (6ea)
- Proposed Reverse Slope BP (4ea)
- Future BP (5ea)

Control Tower

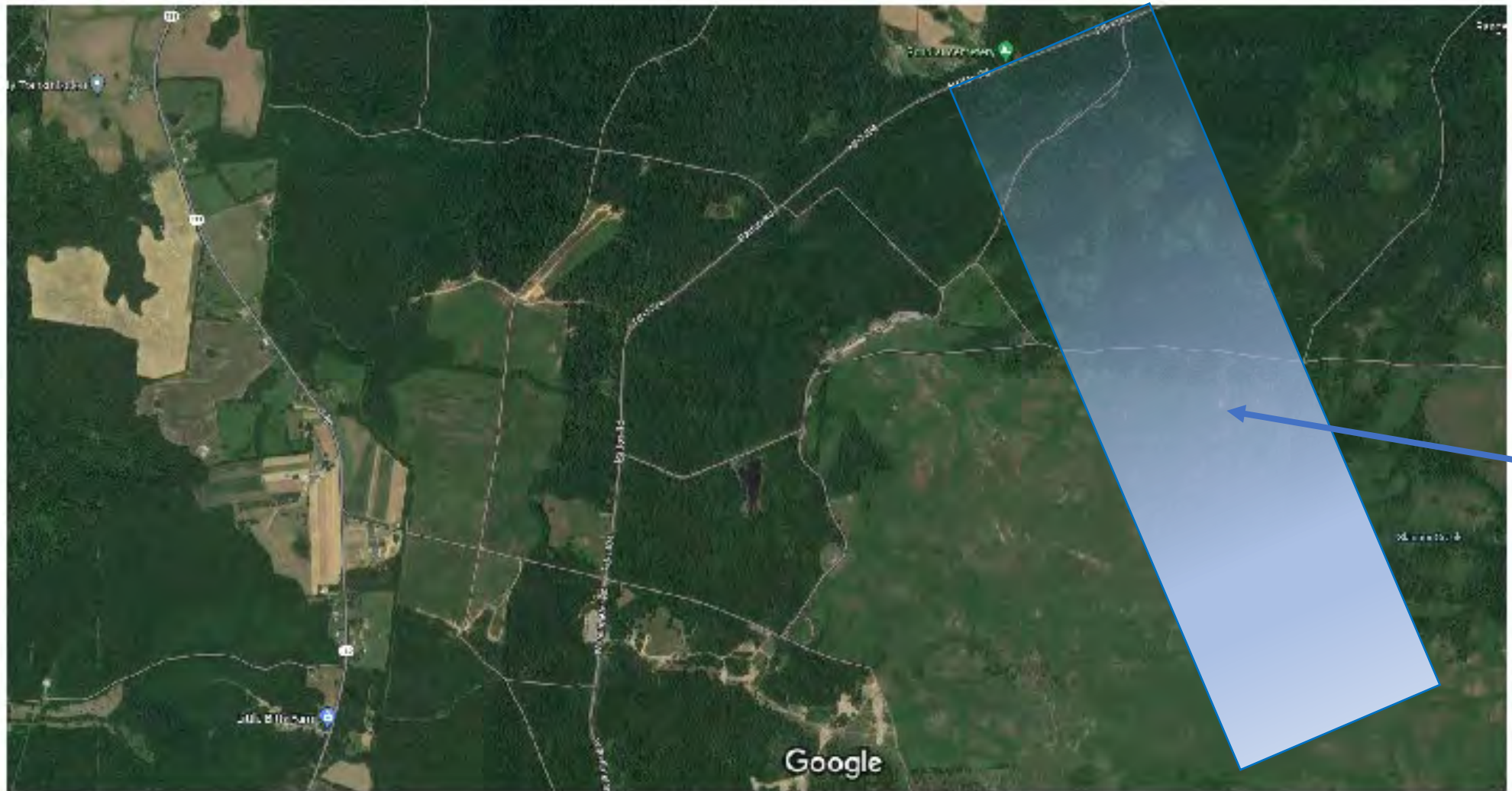


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Google Maps



Imagery ©2023 CNES / Airbus, Landsat / Copernicus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 1 mi



Proposed
Location

Appendix C: Alternative 4 Range 42



Imagery ©2023 CNES / Airbus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 1000 ft

Appendix C: Alternative 5 Range 52

Google Maps



Imagery ©2023 CNES / Airbus, Landsat / Copernicus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 2000 ft



Appendix C: Alternative 4 Range 42



Imagery ©2023 CNES / Airbus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 1000 ft

Appendix C: Alternative 5 Range 52

Google Maps



Imagery ©2023 CNES / Airbus, Landsat / Copernicus, Maxar Technologies, USDA/FPAC/GEO, Map data ©2023 2000 ft

Appendix E:

Resource Area Issues, Concerns, and Risks

Resource Area	Action Alternatives	No Action Alternative
<p>Land Use</p> <ul style="list-style-type: none"> • land use • real property management • easements • viewsheds not addressed under cultural resources 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Minimal change in viewshed with the proposed clear cutting of 70 acres. • Proposed project occurs within existing range with no expansion except temporary soil storage area in TA35 . 	<ul style="list-style-type: none"> ❖ Level of Analysis: Very Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
<p>Air Quality and Greenhouse Gas</p> <ul style="list-style-type: none"> • Conformity • NAAQS • PSD • New Source Review • Minor Source Preconstruction Permitting • Dust 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • There could be a wildland fire risk during training, however it is in an area adapted to fires. • Somewhat less trees to absorb greenhouse gases. • Additional generator(s) will be added to installation permit. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Very Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
<p>Noise</p> <ul style="list-style-type: none"> • noise zones • noise impacts to community • noise impacts to wildlife • risks of noise complaints 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • The site is approximately 3,000 meters from post boundary and US Highway 79. There may be an occasional risk of noise complaint. • Noise and vibration from the use of vehicles and live fire may disturb wildlife in the immediate and bordering area. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
<p>Water Resources/Soil</p>	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks:

Resource Area	Action Alternatives	No Action Alternative
<ul style="list-style-type: none"> • surface water • groundwater • floodplains • wetlands • 404 permits 	<ul style="list-style-type: none"> • Impacts to water quality due to anticipated erosion and runoff • Wetland delineation required and executed. • NPDES, 401, and 404 permits required • FONPA drafted, The total impact for the project is 0.067-acres including stream crossings. Ephemeral wetland acreage is less than 0.1 acre. Anticipated that all sites will include fill (digging on range without UXO clearance could produce munition duds). • No drainage issues anticipated 	<ul style="list-style-type: none"> • None identified
<p>Biological Resources</p> <ul style="list-style-type: none"> • vegetation • wildlife • threatened and endangered species • invasive species • wildland fires 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> ○ Indiana Bat ○ Gray Bat ○ Northern Long-Eared Bat ○ Little Brown Bat • There is a risk for wildlife fires during training. • Trees removed outside of bat season. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified.
<p>Cultural Resources</p> <ul style="list-style-type: none"> • historic buildings and structures • archaeological resources • SHPO consultation • Native American Tribes consultation • historic viewsheds 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <p>Project Area of Potential Effects (APE) for direct and indirect effects had been partially surveyed for archaeological resources. The areas not surveyed were located within the Impact Area and are considered exempt from archaeological inventory. Sites 40SW0157, 40SW0158, 40SW0159, and 40SW0571 were determined not eligible for NRHP listing. TN and KY SHPOs concurred.</p> 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <p>None identified</p>

Resource Area	Action Alternatives	No Action Alternative
<p>Socioeconomics</p> <ul style="list-style-type: none"> • demographics • housing • economic development • quality of life • environmental justice in minority and low-income populations • protection of children from environmental health risks and safety risks 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified. There will be no environmental or socioeconomic impacts that will cross installation boundaries into areas with populations of children, therefore, there would be no impacts on children or low-income populations resulting from alternatives analyzed in this EA 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
<p>Transportation and Traffic</p> <ul style="list-style-type: none"> • traffic • roadways • rail transportation • air transportation • traffic volume • level of congestion 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Some increase in traffic during construction? • With increased range operation there would be an increase in military vehicle traffic to and from the range. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
<p>Airspace</p> <ul style="list-style-type: none"> • controlled airspace • SUAs • MOAs 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
<p>Utilities</p> <ul style="list-style-type: none"> • potable water • drinking water plants • wastewater • storm water • NPDES permitting • solid waste • energy • heating • cooling, • communications 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Water, sewer, and gas not required. • To either use Porto potties or have a dry flush system • Power is provided by “City Light & Power” with existing RNG28 connection point.. • Fiber run in ROCA and downrange from NEC hut. 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified

Resource Area	Action Alternatives	No Action Alternative
Hazardous and Toxic Materials and Waste <ul style="list-style-type: none"> • hazardous material • hazardous waste • USTs/ASTs • asbestos • radon • LBP • PCBs • UXOs • MECs • POLs • EPCRA 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Any necessary UXO removal prior to construction. • No digging during construction; clean soil will be added over existing downrange surfaces. • 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None identified
Solid Waste <ul style="list-style-type: none"> • Construction and demolition landfill • Recyclable materials 	<ul style="list-style-type: none"> ❖ Level of Analysis: Medium ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • Debris hauled off-site to C&D Landfill • Recycle concrete/metal debris 	<ul style="list-style-type: none"> ❖ Level of Analysis: Low ❖ Issues/concerns/risks: <ul style="list-style-type: none"> • None Identified

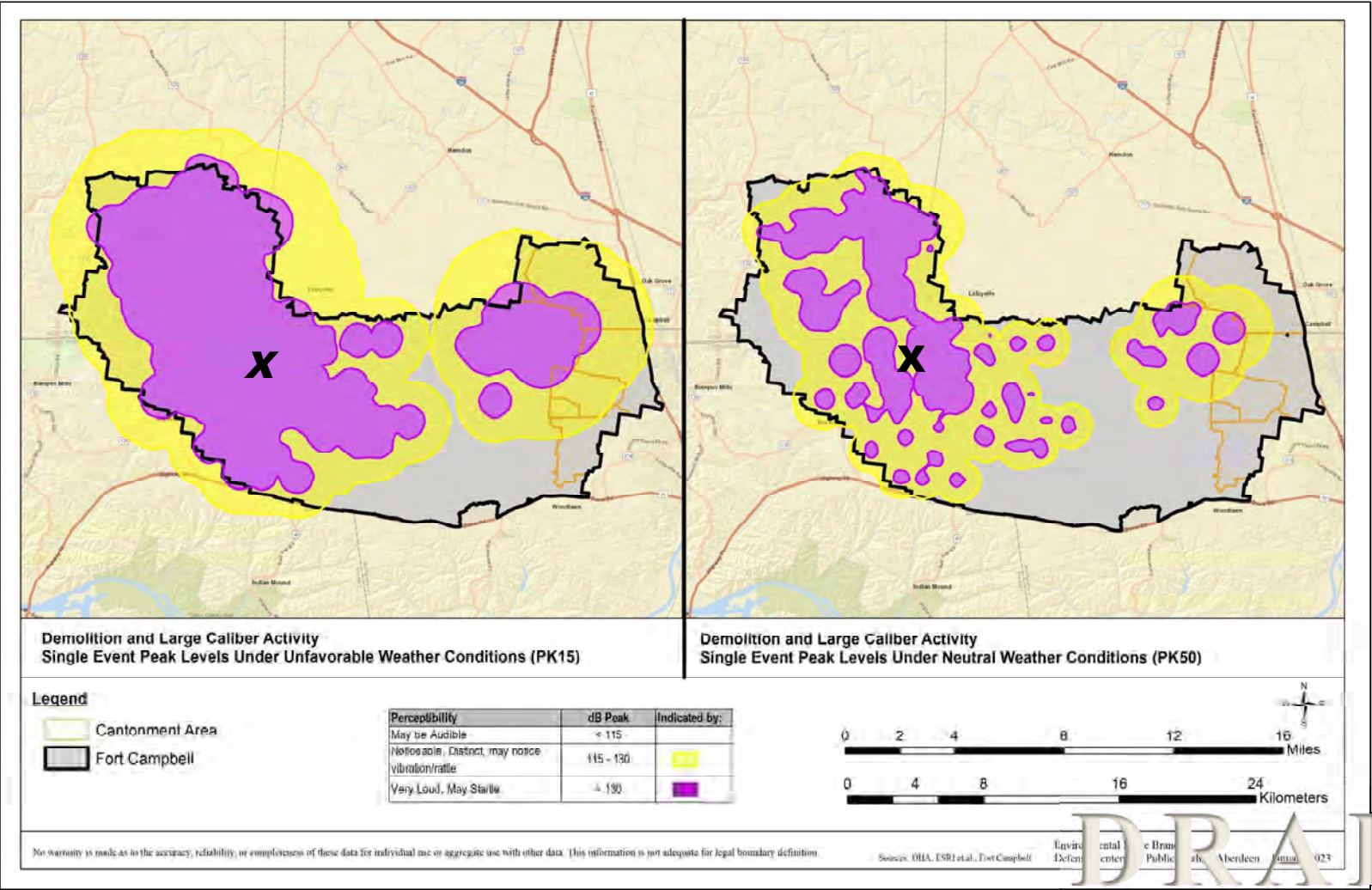


Figure 4-11. Demolition and Large Caliber Activity Single Event Peak Noise Levels

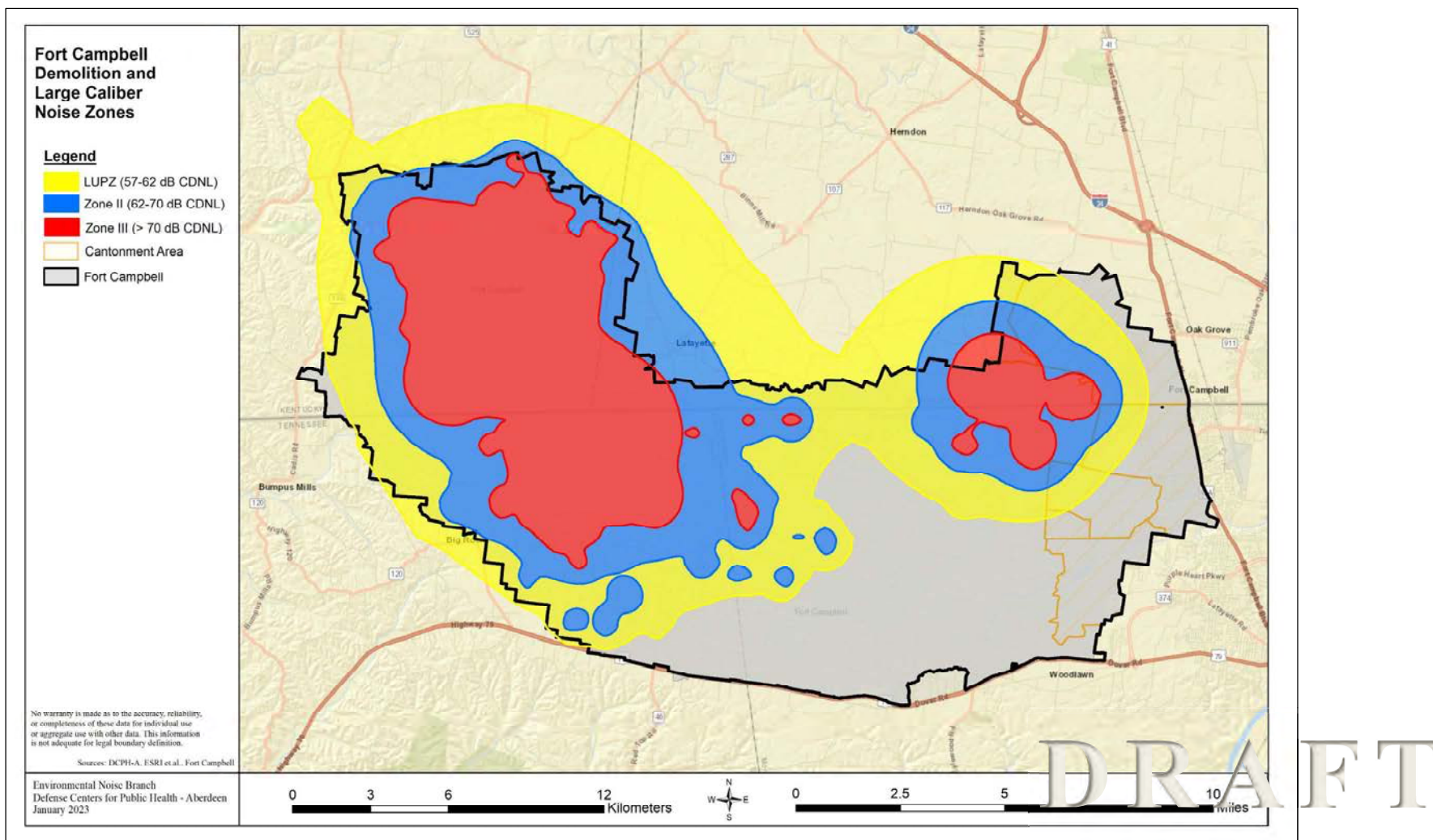


Figure 4-4. Demolition and Large Caliber Noise Zones

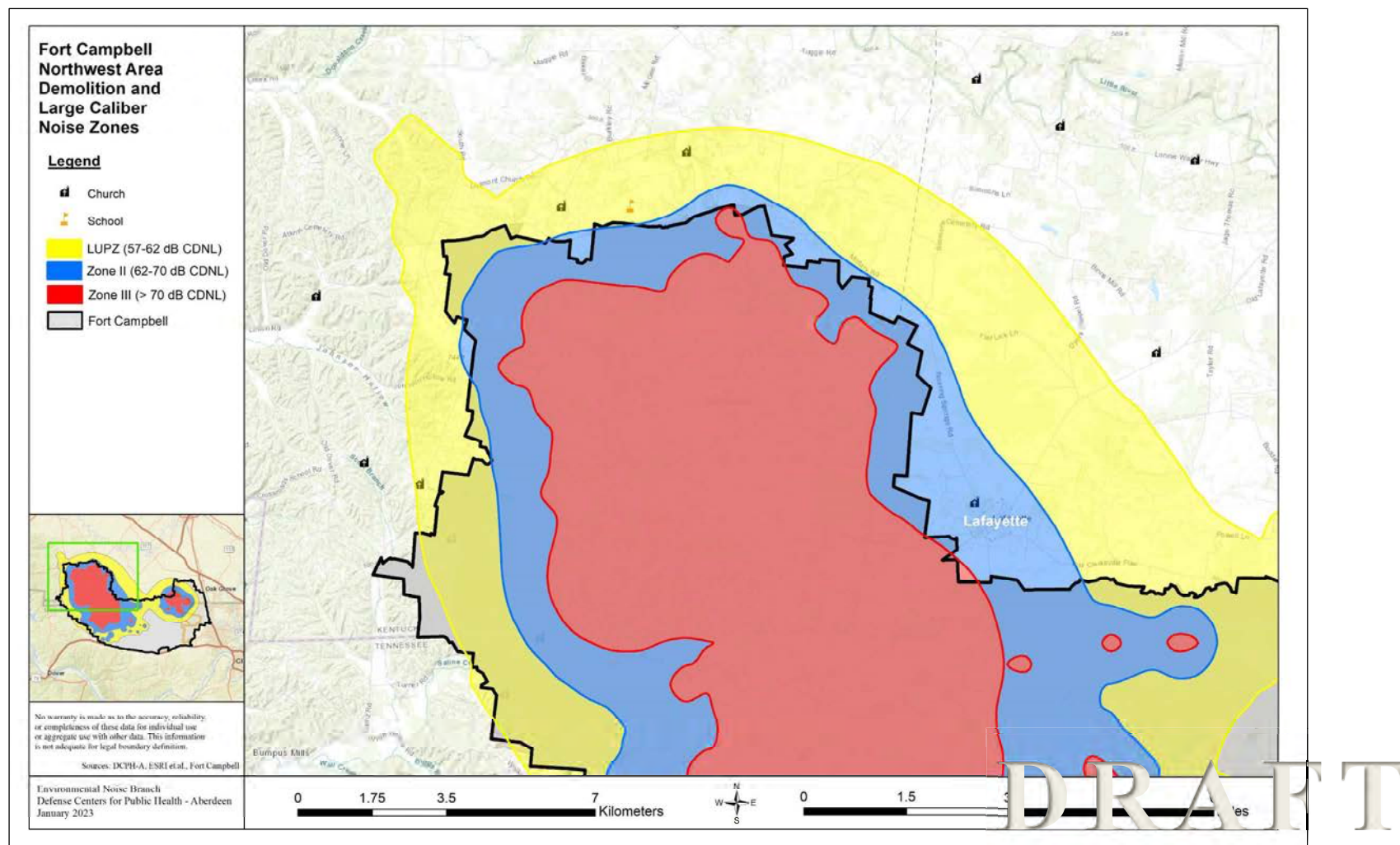


Figure 4-5. Demolition and Large Caliber Noise Zones - Northwestern Area

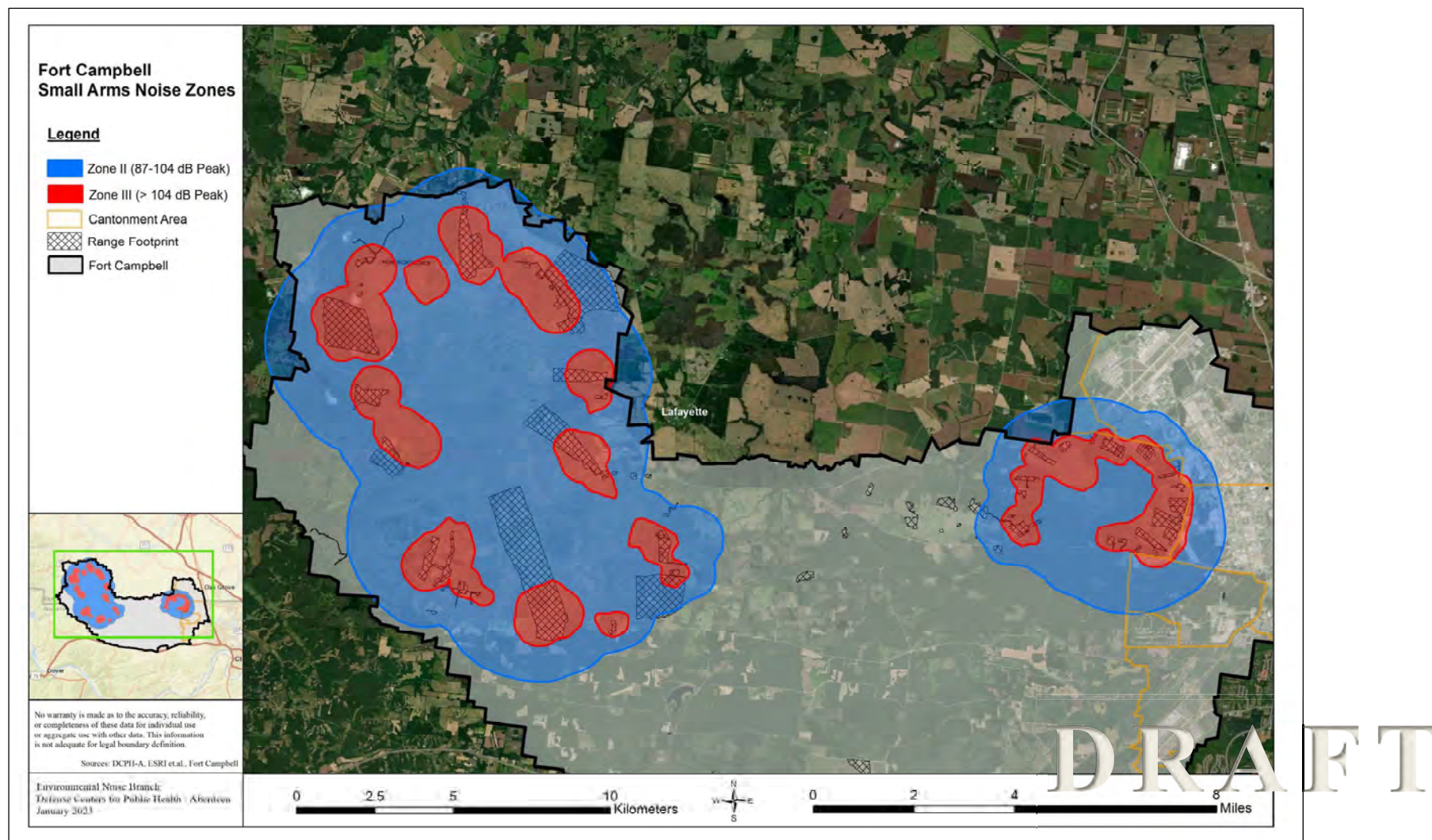


Figure 4-1. Small Arms Noise Zones



EJScreen Report (Version 2.11)



the User Specified Area, TENNESSEE, EPA Region 4

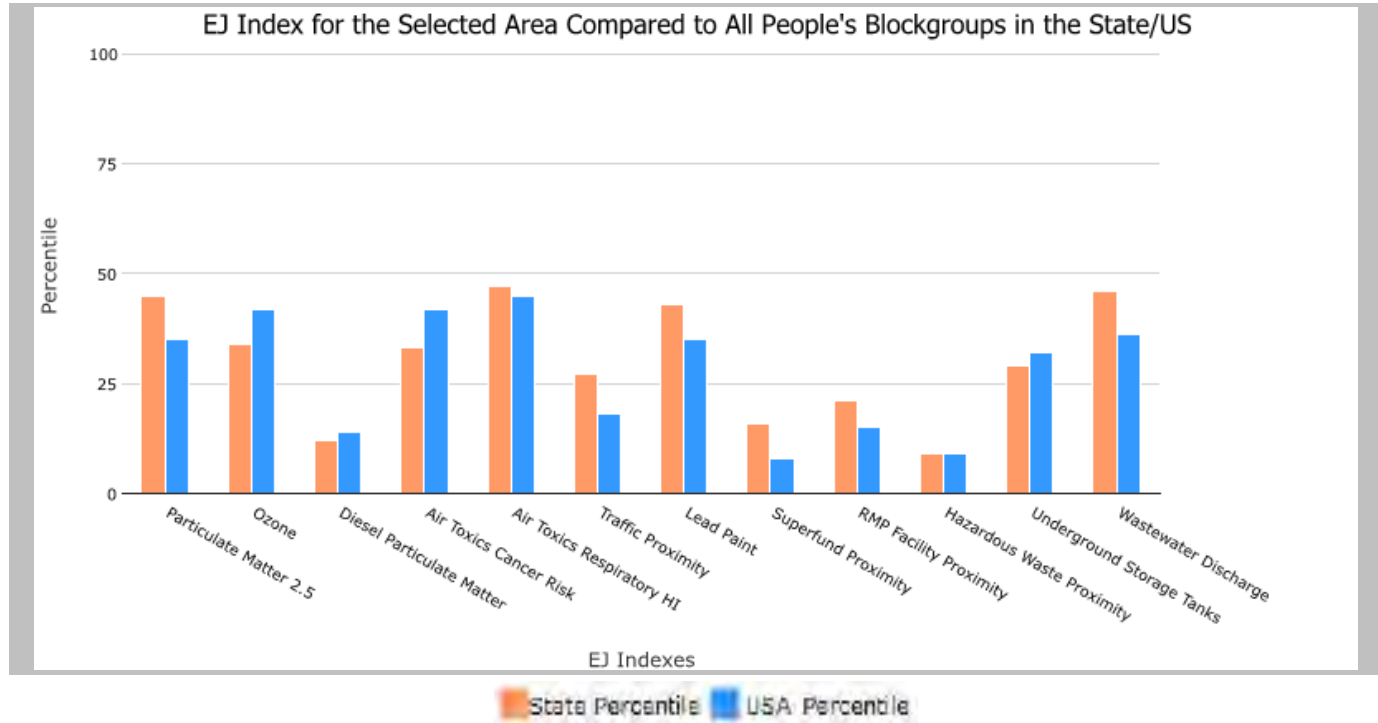
Approximate Population: 1,763

Input Area (sq. miles): 77.36

SW Fort Campbell EJ (The study area contains 3 blockgroup(s) with zero population.)

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	45	35
Ozone EJ index	34	42
Diesel Particulate Matter EJ index*	12	14
Air Toxics Cancer Risk EJ index*	33	42
Air Toxics Respiratory HI EJ index*	47	45
Traffic Proximity EJ index	27	18
Lead Paint EJ index	43	35
Superfund Proximity EJ index	16	8
RMP Facility Proximity EJ index	21	15
Hazardous Waste Proximity EJ index	9	9
Underground Storage Tanks EJ index	29	32
Wastewater Discharge EJ index	46	36

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



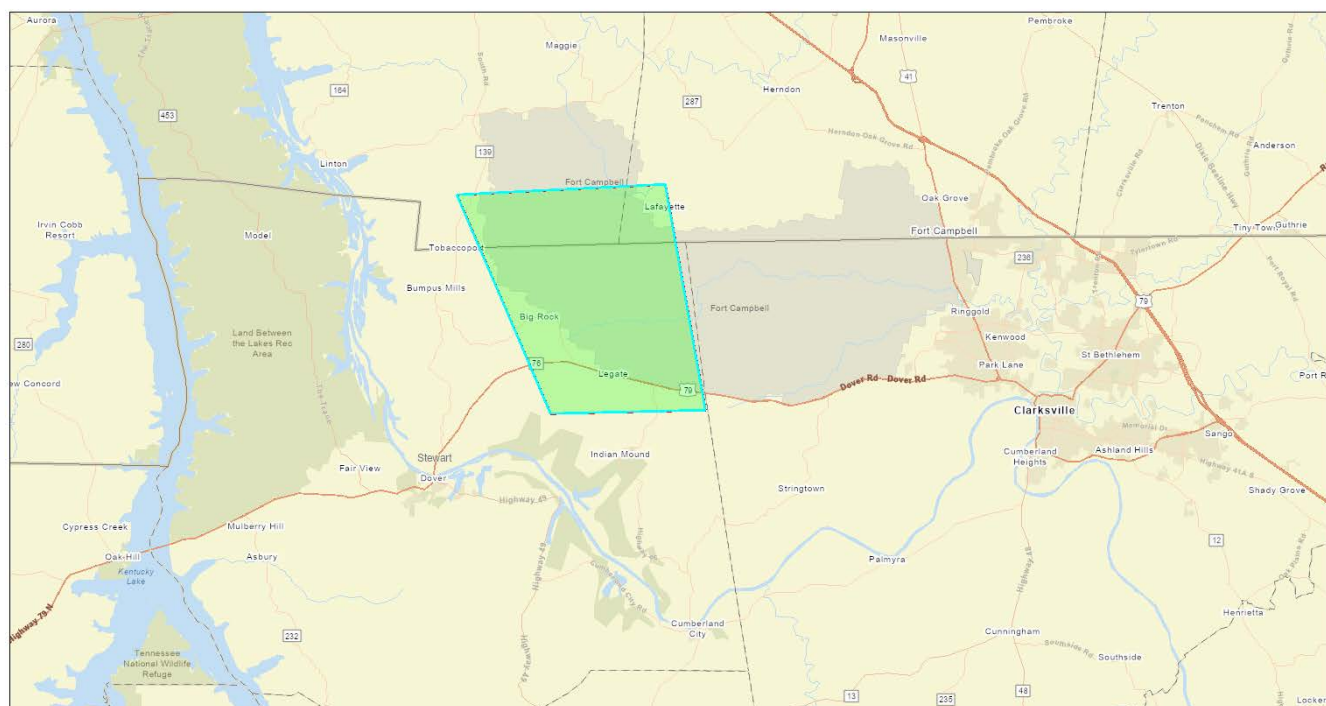
*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

the User Specified Area, TENNESSEE, EPA Region 4

Approximate Population: 1,763

Input Area (sq. miles): 77.36

SW Fort Campbell EJ (The study area contains 3 blockgroup(s) with zero population.)



Sites reporting to EPA

Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJScreen Report (Version 2.11)



the User Specified Area, TENNESSEE, EPA Region 4

Approximate Population: 1,763

Input Area (sq. miles): 77.36

SW Fort Campbell EJ (The study area contains 3 blockgroup(s) with zero population.)

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	8.21	8.21	49	8.67	39
Ozone (ppb)	42.1	42.6	31	42.5	48
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.0956	0.233	11	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	33	78	28	80-90th
Air Toxics Respiratory HI*	0.4	0.41	73	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	29	360	25	760	17
Lead Paint (% Pre-1960 Housing)	0.14	0.19	50	0.27	40
Superfund Proximity (site count/km distance)	0.014	0.078	14	0.13	9
RMP Facility Proximity (facility count/km distance)	0.081	0.59	20	0.77	12
Hazardous Waste Proximity (facility count/km distance)	0.043	0.64	8	2.2	7
Underground Storage Tanks (count/km ²)	0.073	1.3	26	3.9	26
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0021	0.037	75	12	56
Socioeconomic Indicators					
Demographic Index	18%	32%	30	35%	29
Supplemental Demographic Index	14%	16%	44	15%	56
People of Color	8%	27%	32	40%	20
Low Income	29%	34%	40	30%	52
Unemployment Rate	6%	5%	66	5%	66
Limited English Speaking Households	0%	1%	0	5%	0
Less Than High School Education	10%	12%	45	12%	56
Under Age 5	6%	6%	60	6%	60
Over Age 64	23%	16%	75	16%	76
Low Life Expectancy	24%	22%	71	20%	89

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

the User Specified Area, TENNESSEE, EPA Region 4

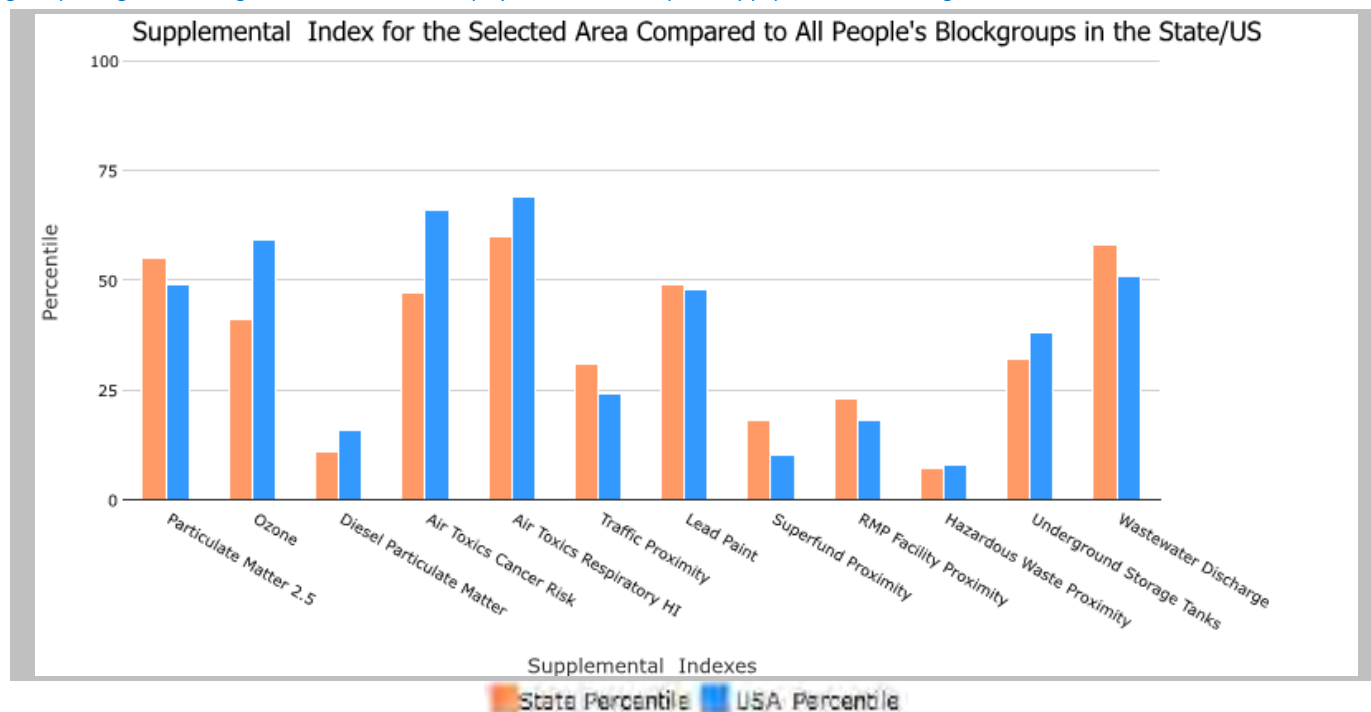
Approximate Population: 1,763

Input Area (sq. miles): 77.36

SW Fort Campbell EJ (The study area contains 3 blockgroup(s) with zero population.)

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	55	49
Ozone Supplemental Index	41	59
Diesel Particulate Matter Supplemental Index*	11	16
Air Toxics Cancer Risk Supplemental Index*	47	66
Air Toxics Respiratory HI Supplemental Index*	60	69
Traffic Proximity Supplemental Index	31	24
Lead Paint Supplemental Index	49	48
Superfund Proximity Supplemental Index	18	10
RMP Facility Proximity Supplemental Index	23	18
Hazardous Waste Proximity Supplemental Index	7	8
Underground Storage Tanks Supplemental Index	32	38
Wastewater Discharge Supplemental Index	58	51

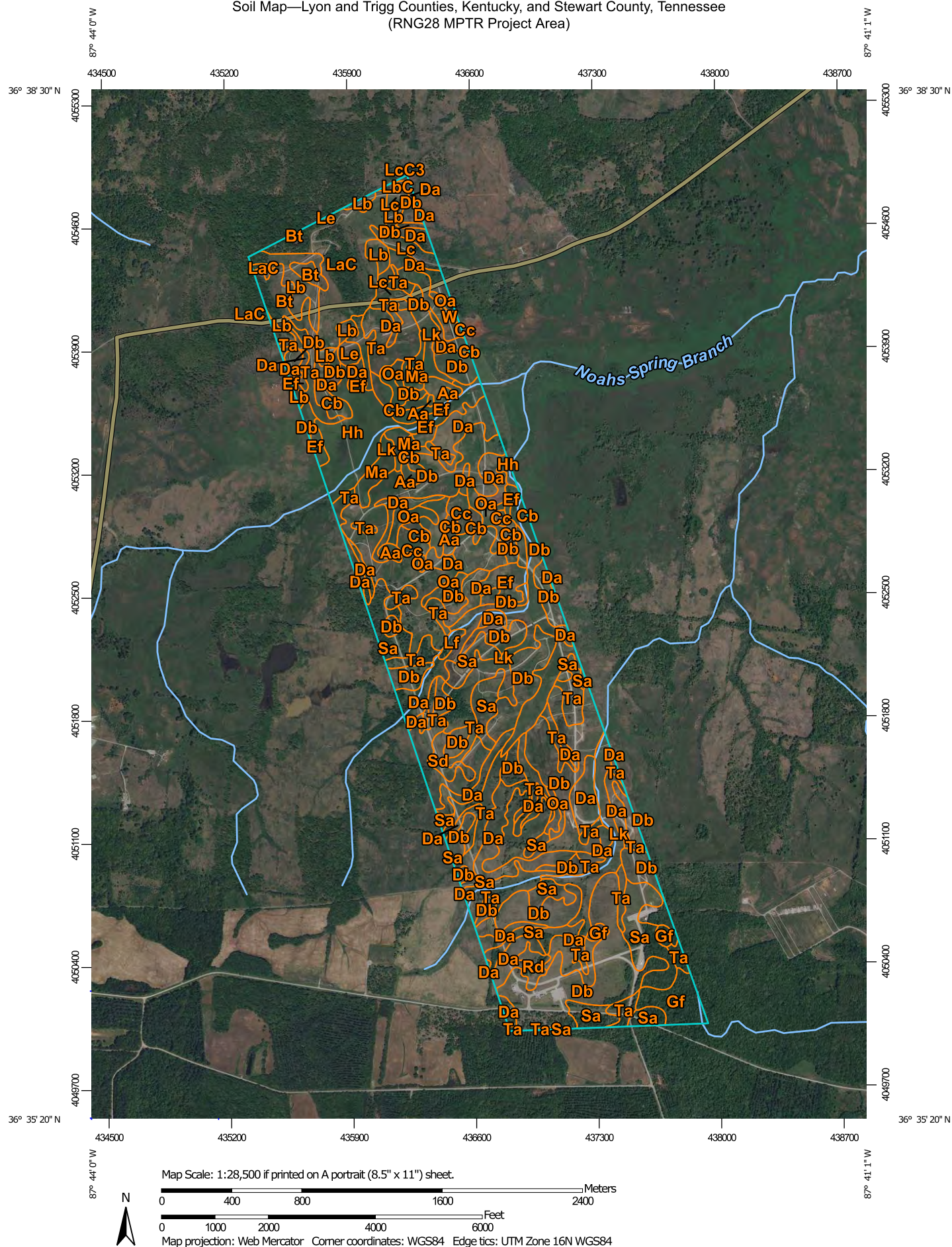
Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.











This report shows the values for environmental and demographic indicators, EJScreen indexes, and supplemental indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. For additional information, see: www.epa.gov/environmentaljustice.

Appendix H: Soil Survey

Soil Map—Lyon and Trigg Counties, Kentucky, and Stewart County, Tennessee
(RNG28 MPTR Project Area)



MAP LEGEND

	Area of Interest (AOI)		Spoil Area
	Area of Interest (AOI)		Stony Spot
	Soils		Very Stony Spot
	Soil Map Unit Polygons		Wet Spot
	Soil Map Unit Lines		Other
	Soil Map Unit Points		Special Line Features
Special Point Features		Water Features	
	Blowout		Streams and Canals
	Borrow Pit	Transportation	
	Clay Spot		Rails
	Closed Depression		Interstate Highways
	Gravel Pit		US Routes
	Gravelly Spot		Major Roads
	Landfill		Local Roads
	Lava Flow	Background	
	Marsh or swamp		Aerial Photography
	Mine or Quarry		
	Miscellaneous Water		
	Perennial Water		
	Rock Outcrop		
	Saline Spot		
	Sandy Spot		
	Severely Eroded Spot		
	Sinkhole		
	Slide or Slip		
	Sodic Spot		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lyon and Trigg Counties, Kentucky

Survey Area Data: Version 19, Sep 2, 2022

Soil Survey Area: Stewart County, Tennessee

Survey Area Data: Version 21, Sep 15, 2022

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 21, 2021—May 1, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
LbC	Lax silt loam, 6 to 12 percent slopes	1.7	0.1%
LcC3	Lax silty clay loam, 6 to 12 percent slopes, severely eroded	0.4	0.0%
Subtotals for Soil Survey Area		2.1	0.2%
Totals for Area of Interest		1,267.3	100.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Aa	Nolin silt loam, occasionally ponded	13.9	1.1%
Bt	Brandon silt loam, 12 to 25 percent slopes	21.3	1.7%
Cb	Bewleyville silt loam, 5 to 12 percent slopes, eroded	26.4	2.1%
Cc	Bewleyville silt loam, 2 to 5 percent slopes, eroded	12.2	1.0%
Da	Dickson silt loam, 5 to 12 percent slopes	191.8	15.1%
Db	Dickson silt loam, 2 to 5 percent slopes	387.8	30.6%
Ef	Armour silt loam, 2 to 5 percent slopes	32.4	2.6%
Gf	Guthrie silt loam, 0 to 2 percent slopes, frequently ponded	22.0	1.7%
Hh	Nolin silt loam, occasionally flooded	53.8	4.2%
LaC	Lax silt loam, 5 to 12 percent slopes	63.2	5.0%
Lb	Lax silt loam, 5 to 12 percent slopes, eroded	33.1	2.6%
Lc	Lax silt loam, 2 to 5 percent slopes	16.7	1.3%
Le	Lax silty clay loam, 5 to 12 percent slopes, severely eroded	3.8	0.3%
Lf	Newark silt loam, occasionally flooded	2.6	0.2%
Lk	Lobelville silt loam, occasionally flooded	93.1	7.3%
Ma	Melvin silt loam, frequently flooded	12.3	1.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Oa	Newark silt loam, occasionally ponded	28.6	2.3%
Rd	Dickson-Gullied land complex, 2 to 12 percent slopes	6.1	0.5%
Sa	Dickson silt loam, 0 to 2 percent slopes	96.1	7.6%
Sd	Staser fine sandy loam, occasionally flooded	7.3	0.6%
Ta	Taft silt loam, 0 to 2 percent slopes	140.5	11.1%
W	Water	0.4	0.0%
Subtotals for Soil Survey Area		1,265.1	99.8%
Totals for Area of Interest		1,267.3	100.0%

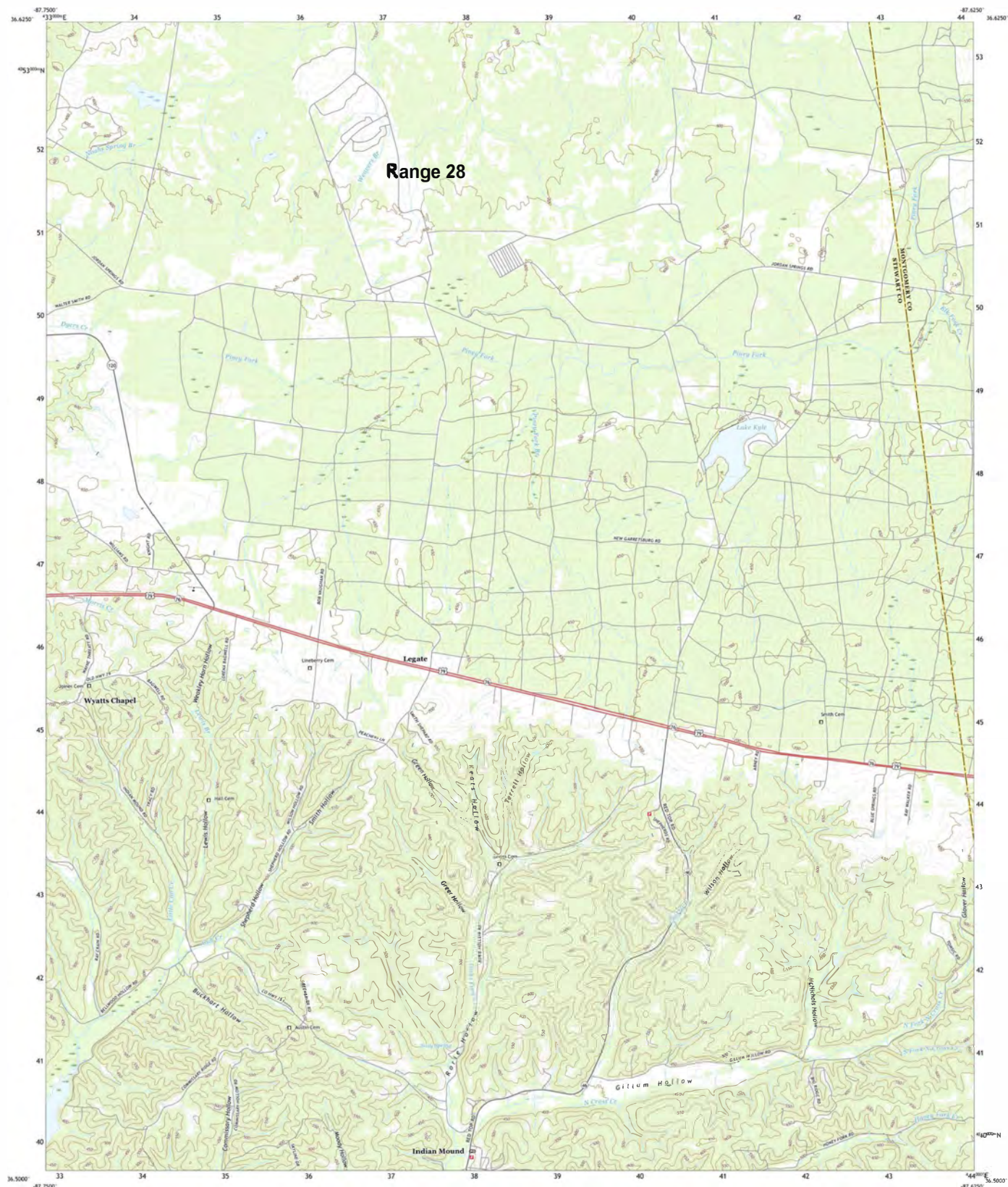
FORT CAMPBELL RANGE 28



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



INDIAN MOUND QUADRANGLE
TENNESSEE
7.5-MINUTE SERIES



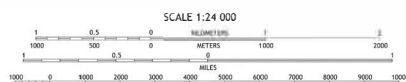
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) - Projection and
1:50,000 scale grid coordinates are in meters. Source: USGS.
This map is not a legal representation of land ownership.
Information may not be
evergreen private lands.

Imagery: U.S. Census Bureau, 2010 - 2019
Topography: National Hydrographic Survey, 1980 - 2019
Contours: National Elevation Dataset, 2010
Boundaries: Multiple sources, see metadata file 2017 - 2018
Wetlands: FWS National Wetlands Inventory 1981

UTM GRID AND 2019 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

UTM Zone	UTM Easting	UTM Northing	Magnetic North
18T	330000	4000000	10.1°

Old Zone Designation
18T



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
This map was produced to conform with the
National Geospatial Framework of Data Product Standards, 2011.
A metadata file associated with this product is draft version 0.6.18



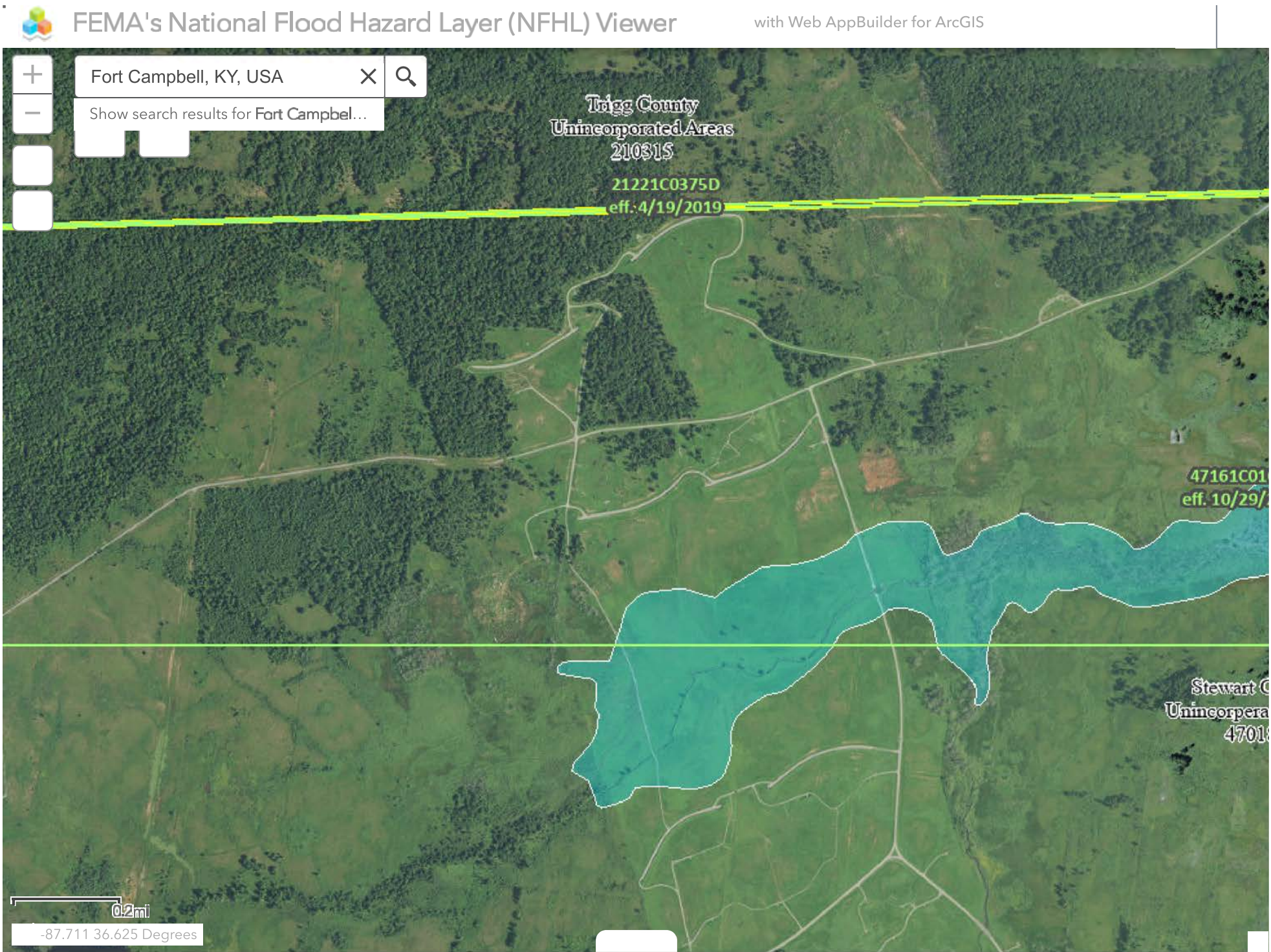
1	2	3
4	5	6
7	8	9

Legend for Indian Mound, TN 2019

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Interstate	Interstate
Interstate	Interstate

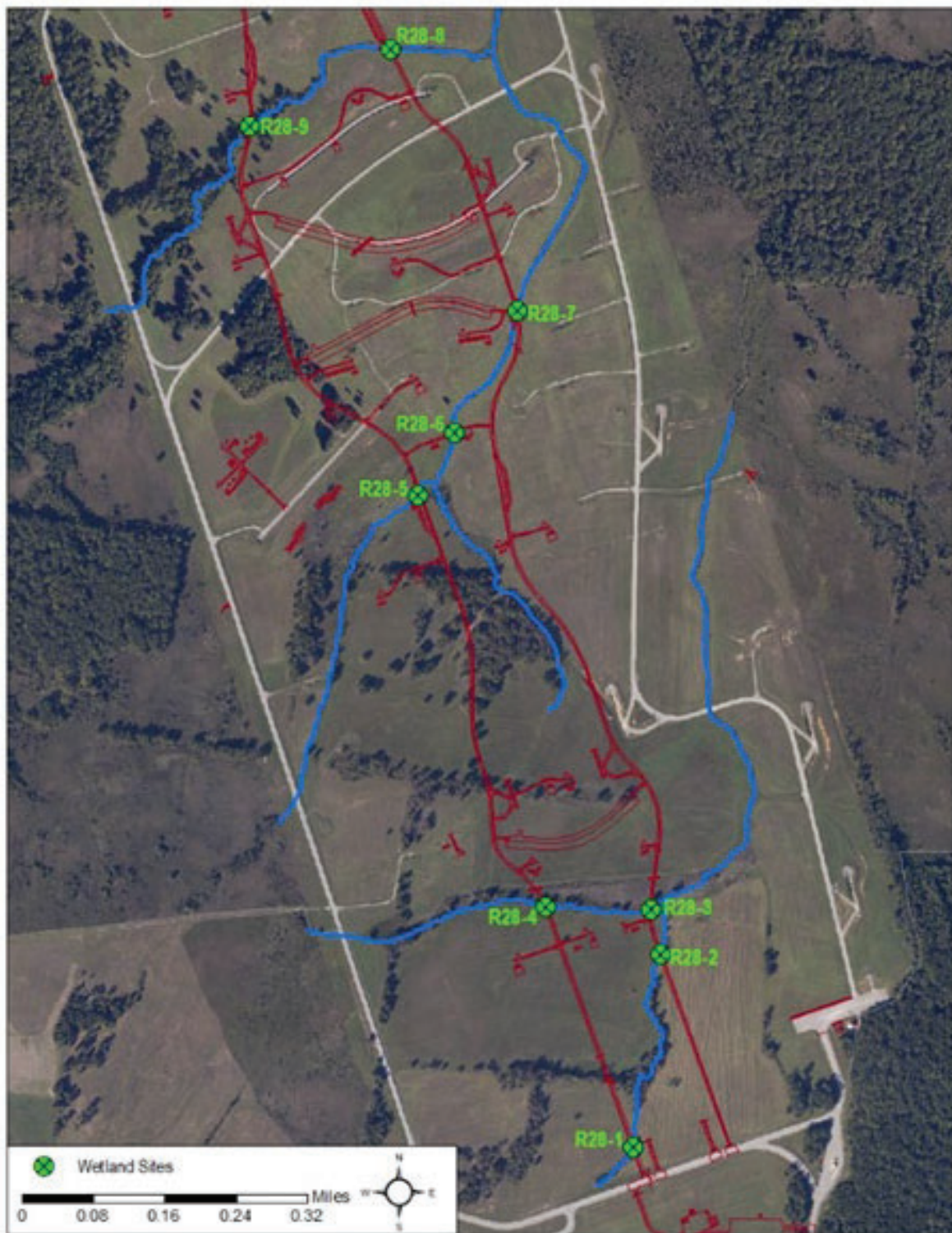
INDIAN MOUND, TN
2019







Appendix K: Riverine Wetlands and Crossing Locations at Range 28



Undertaking Information and Analysis
Multipurpose Training Range Dirt Staging Area
Record of Environmental Consideration: 23-198
Michael J. Miller, M.A., RPA - SpecPro Professional Services, LLC.
Fort Campbell Cultural Resources Office
14 June 2023

I. Overview of the Proposed Undertaking

Fort Campbell proposes to construct a dirt staging area in Stewart County, Tennessee on the Fort Campbell Military Installation (Figure 1). This project is scheduled for Fiscal Year (FY) 24 and is associated with the construction of the Multipurpose Training Range (MPTR) rebuild at Range 28 (Figure 2).

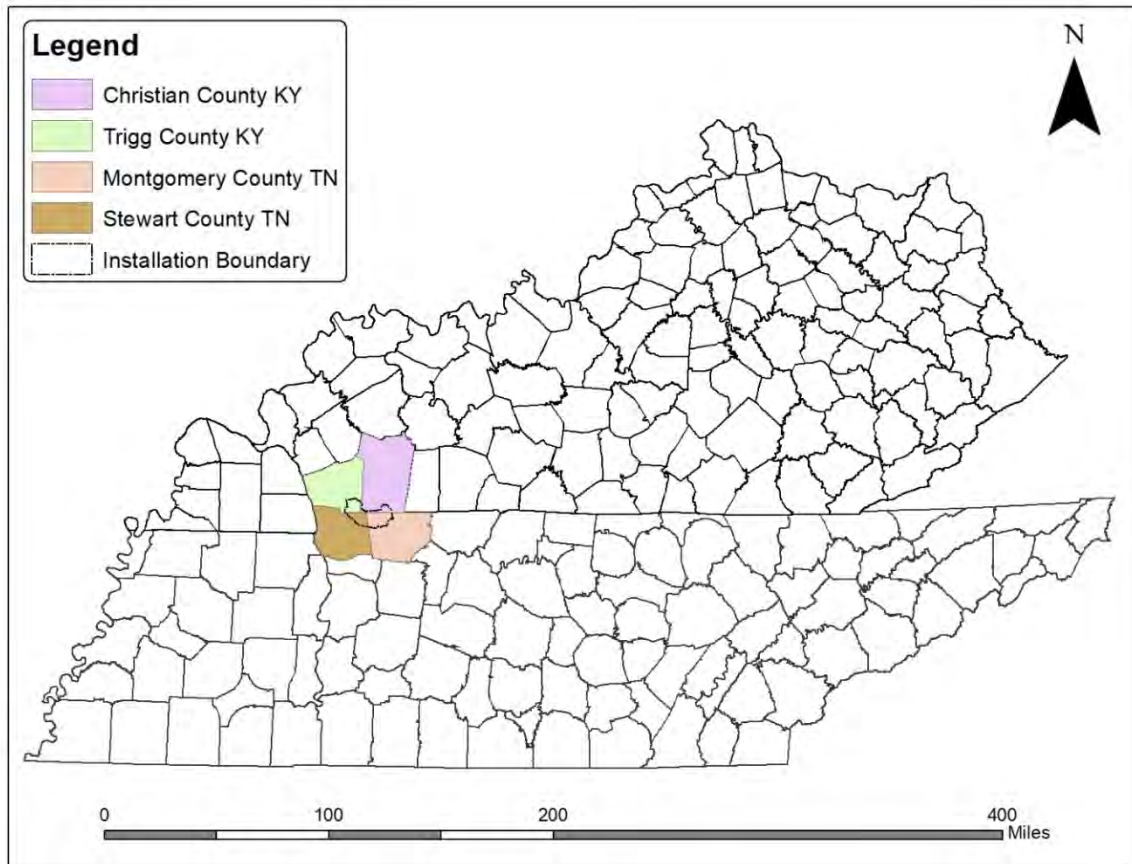


Figure 1: Location of Fort Campbell.

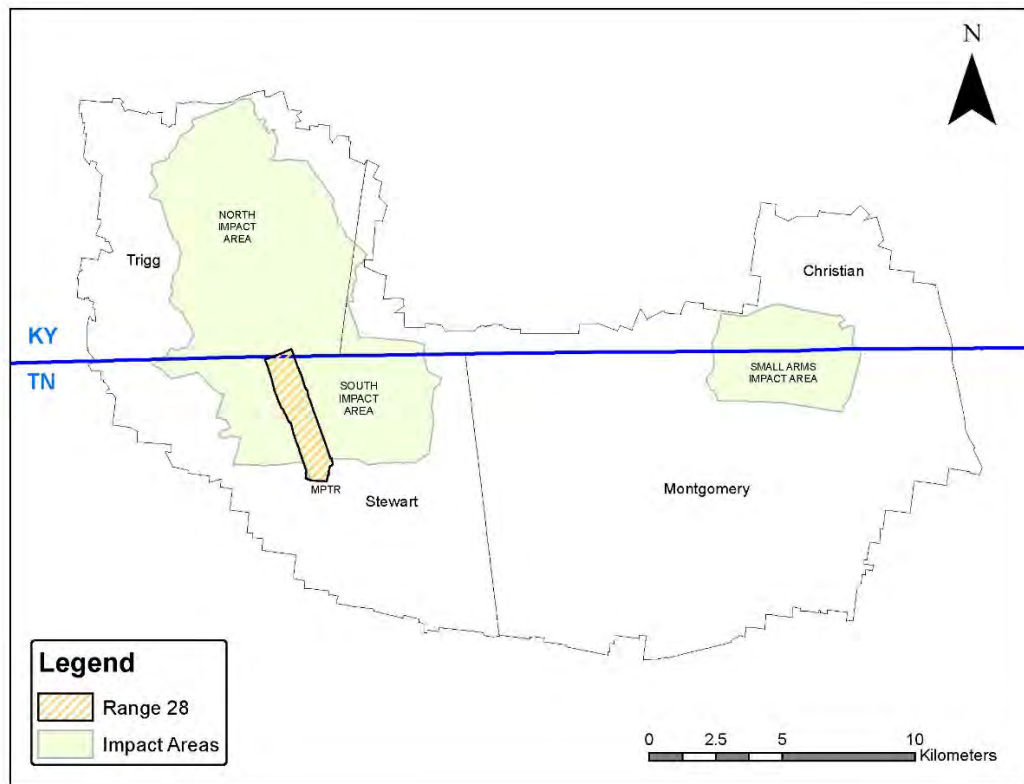


Figure 2: Location of Impact Areas and Range 28 on Fort Campbell.

The proposed Area of Potential Effect (APE) for this undertaking is located in Stewart County, Tennessee (≈ 75 acres) west of Range 28 in Training Area 35 (Figure 3).

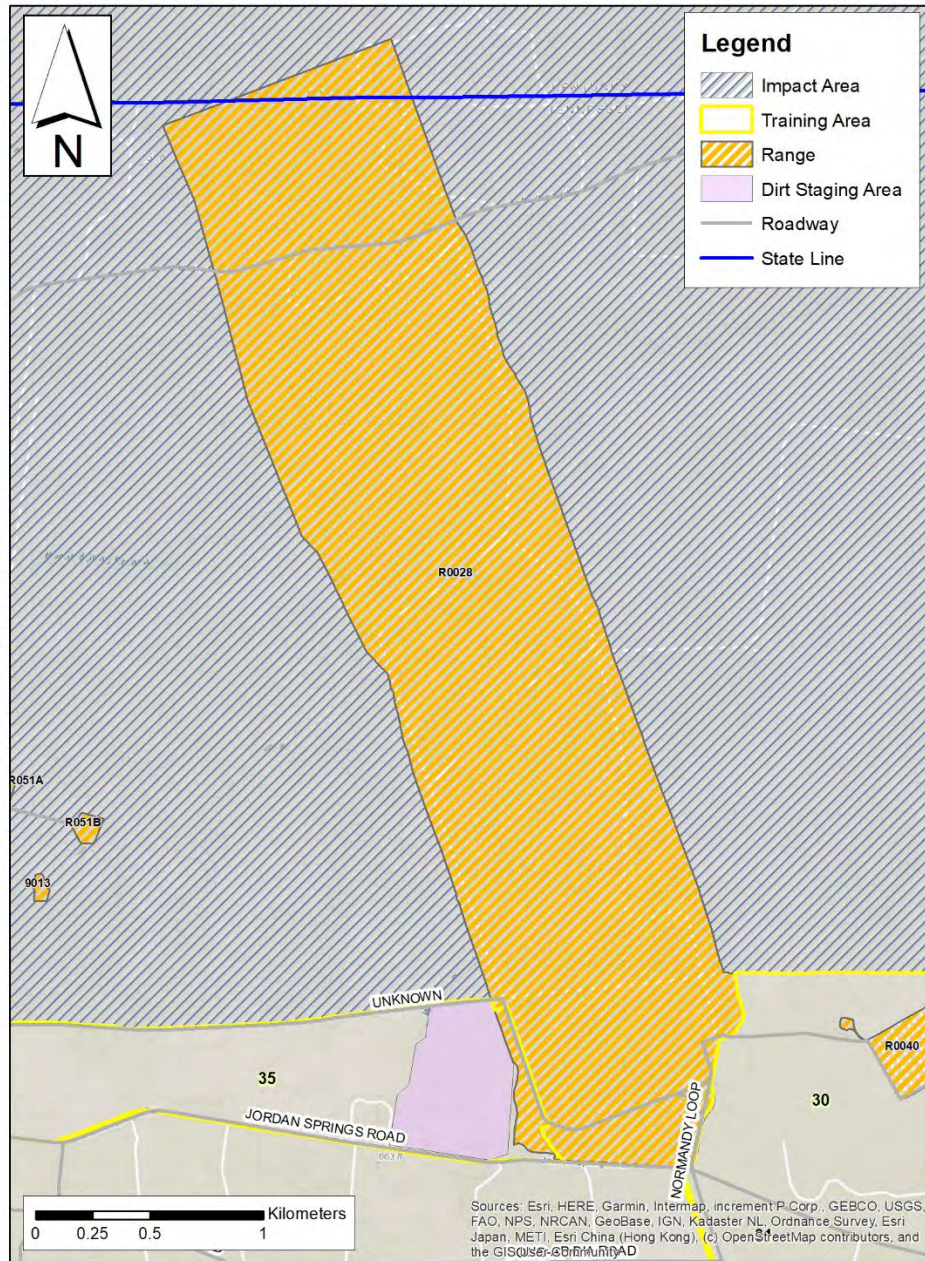


Figure 3: Location of Proposed Dirt Staging Area.

The proposed project was not submitted as part of the MPTR consultation submitted in February of 2022. The original design planned the use of the northern portion of Range 28 as a dirt staging area; due to unexploded ordinance (UXO) safety concerns, budget limitations, and U.S. Army Corps of Engineers requirements this was not allowable as determined during a Range Branch Planning Charette on June 9, 2023.

A detailed project summary for the MPTR is documented in the finalized consultation for the FY24 MPTR; a letter dated March 2, 2022 from the TN SHPO concurred with Fort Campbell that no National Register listed or eligible Historic Properties exist within the area of potential effect (APE) finding no objections to the undertaking.

The Phase I survey of the APE for the dirt staging area is the focus of this document.

The project area will be discussed separately in Section II. The area of potential effect (APE) will be discussed in Section III. The previous archaeological investigations in the project area will be presented in Section IV. The application of criteria of adverse effect for the proposed undertaking are in Section V, and Fort Campbell's determination of effects to historic properties is discussed in Section VI.

II. Project Area Description

The dirt staging area is located directly west of the southern end of Range 28 in Training Area 35 (Figure 4 and 5). The dirt staging area will be approximately 75 acres.

During the rebuild process for the MPTR, an estimated 335,000 cubic yards of dirt will need to be removed from the range and yarded in an area that is easily accessible for the contractor. The contractor will be responsible for the containment and stabilization of the material being placed within the dirt staging area. No other materials will be placed in this location during the process of rebuilding the MPTR.

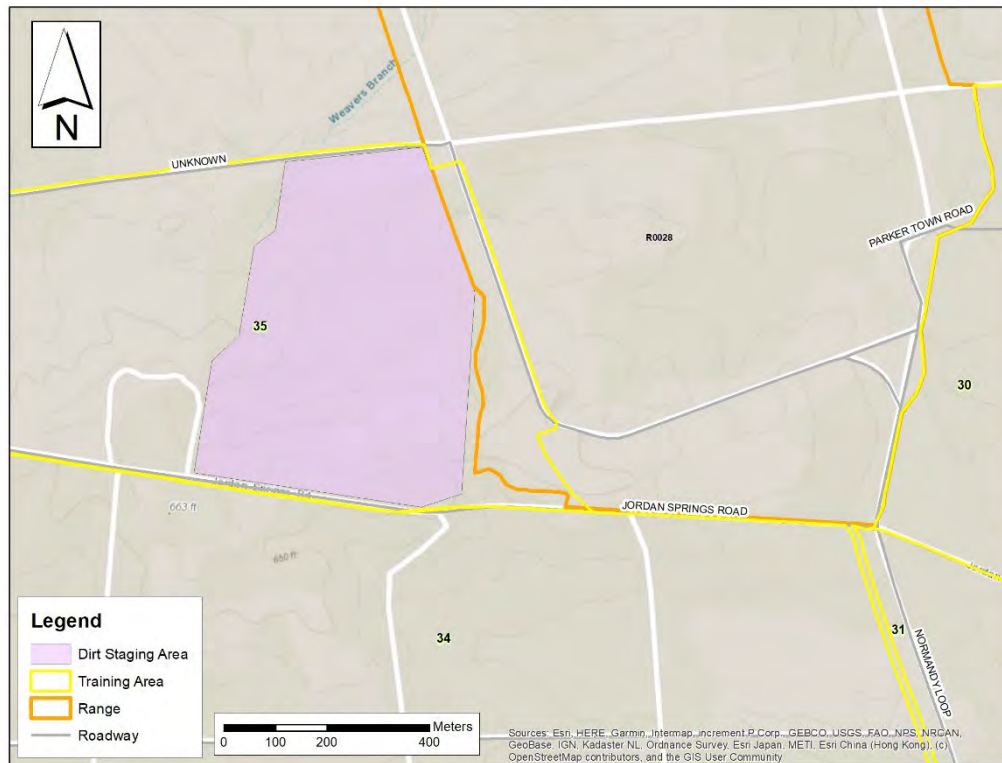


Figure 4: Location of Dirt Staging Area.



Figure 5: APE from Jordan Springs Road looking North.

III. Area of Potential Effects

It is the determination of the U.S. Army that the Area of Potential Effects (APE) for direct effects includes the area of ground disturbance associated with the dirt staging area. The APE for direct effects is defined as the 75 acres adjacent to Range 28. All ground disturbance will remain within the APE for direct effects as shown in Section II Project Area Description.

It is the determination of the U.S. Army that the APE for indirect effects includes the surrounding landscape that will be altered with the new dirt staging area, causing a minor visual alteration of the existing landscape. The APE for indirect effects is defined as the 50-meter buffer surrounding the staging area. The APE for indirect effects includes both the visual and auditory impacts of the proposed project in Training Area 35.

Direct Effects:

The APE for direct and indirect effects for the dirt staging area are shown in Figure 6. The APE for direct effects is defined as the staging area within Training Area 35 direct west of Range 28. All ground disturbance associated with the staging area are within the APE for direct effects. All associated disturbances will be in the APE. The APE of direct effects has been surveyed for archaeological resources. There are zero (0) known archaeological sites within or near the APE for direct effects for the staging area (Figure 6). The Phase I survey will be discussed in detail in Section IV. There are no previously identified Traditional Cultural Properties, Sacred Objects, or historic cemeteries within the APE for direct effects.

Indirect Effects:

The APE for indirect effects is defined as a 50-meter buffer surrounding the staging area. The proposed undertaking will have similar visual and auditory effects currently associated with the staging area in the northern portion of Range 28; zero (0) archaeological sites are within the APE for indirect effects (Figure 6). There are no previously identified Traditional Cultural Properties, Sacred Objects, or historic cemeteries within the APE for indirect effects.



Figure 6: APE for Direct and Indirect Effects at Dirt Staging Area.

IV. Investigations in the Project Area

In accordance with stipulation (C.2.b.), of the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective January, 2009), a formal consultation with the State Historic Preservation Office (SHPO) is required if identification efforts have not been determined adequate and there are properties needing evaluation present in areas of potential effects for an undertaking (OPS PA).

The proposed project area has been investigated for archaeological resources. The entire APE was surveyed for cultural resources by North Wind Resource Consulting LLC in March of 2021. In a draft report entitled *Phase I Archaeological Survey of Portions of Training Areas 00B, 5, 11, 17, 19, 20, 23, 24, 25, 27, 28, and 35 Montgomery and Stewart Counties, Tennessee* prepared for Fort Campbell Cultural Resources in fulfillment of Section 110, North Wind documents the results of their Phase I Survey in Training Area 35 within the APE for this undertaking.

While the draft report has not been finalized (in process), Fort Campbell has determined that, in accordance with the National Historic Preservation Act (NHPA) regulation 36 CFR 800.4, the survey was a reasonable and good faith effort to identify historic properties in the areas investigated. The TN SHPO has not concurred with this finding as of the writing of this consultation.

Fort Campbell presents the shovel testing methodology used by North Wind and their results (Figure 7) within the APE for the consideration of the TN SHPO.

A shovel test pit was excavated on June 13, 2023 by Fort Campbell Cultural Resources Office staff (Figure 8) to provide a representative soil profile of the residual soil horizons found in the APE. The A horizon (0-8 cmbs) is a clay loam (Munsell 10YR 4/3, brown) and the Ap horizon (8-33 cmbs) consisted of mostly clay (Munsell 10YR 5/4, yellowish brown).



Figure 7: Phase I Survey Shovel Testing Locations within the APE.



Figure 8: Representative Soil Profile from within the APE.

Shovel Testing Methodology

The methods for investigation were performed in accordance with Phase I survey requirements outlined in the Fort Campbell Standard Operating Procedure (SOP) for Phase I Archaeological Surveys. The Phase I Archaeological Survey consisted of Shovel Test Pits (STPs) excavated at 20m intervals along transects established at 20m intervals. Each STP was excavated to at least 30cm in diameter to sterile subsoil and screened through ¼ inch hardware mesh. Each transect was given a sequential number, with each STP receiving a sequential number per transect.

Each STP was documented as positive or negative for cultural resources and noted if not excavated due to standing water, roadway, or underground utility. All STPs were recorded using a handheld global positioning system (GPS) and these data were uploaded as a shapefile for use in ArcGIS.

Shovel Testing Results

The results of the North Wind Phase I Survey document a lack of cultural resources within the APE for the dirt staging area. A total of 644 STPs were located within the APE; of these, one (1) was not dug due to standing water, seven (7) were not dug due to the possibility of underground utilities within road right-of-way, and 656 were excavated and found negative for cultural resources. No artifacts or historic features were identified by shovel testing within the APE for this undertaking.

V. Application of Criteria of Adverse Effect

It is the determination of the U.S. Army that in accordance with 36 CFR 800.4, the existing cultural resource studies within the area represent a reasonable and good faith effort to identify historic properties.

It is the determination of the U.S. Army that the Area of Potential Effects (APE) for direct effects includes the area of ground disturbance associated with the dirt staging area. All ground disturbance associated with the staging area will remain within the APE for direct effects.

It is the determination of the U.S. Army that the APE for indirect effects includes the surrounding landscape that will be altered with the new dirt staging area, causing a minor visual alteration of the existing landscape within the installation. The APE for indirect effects is defined as the 50-meter buffer surrounding the area of direct effect. The APE for indirect effects includes both the visual and auditory impacts of the proposed project.

The proposed dirt staging area will have minor temporary visual and auditory effects. The increase in auditory levels during the MPTR rebuild associated with the dirt staging area in the southern portion of Range 28 will be temporary. Auditory levels, as well as any visual effects, in the APE should return to normal following the completion of the project.

The project area has been surveyed for archaeological materials. There are zero (0) previously identified historic properties identified within the APE for direct and indirect effects. A Phase I Archaeological Survey performed by North Wind Resource Consulting documented the APE does not contain cultural resources.

It is the determination of Fort Campbell that there will be no adverse effects associated with the proposed dirt staging area within the APE. If modifications to the project occur and/or the project area changes, Fort Campbell will contact the TN SHPO to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act.

VI. Determination of Effect to Historic Properties

It is the determination of the U.S. Army (Fort Campbell) that the proposed undertaking will have *No Adverse Effect to Historic Properties*.

References Cited

Brown, E., R. Latham, J. Blood, K. McMillian, J. Williamson, and H. Lash
2023 *Phase I Archaeological Survey of Portions of Training Areas 00B, 05, 11, 17, 19, 20, 23, 24, 25, 27, 28 and 35 in Montgomery and Stewart Counties Tennessee, in process*. North Wind Resource Consulting, LLC. Knoxville, TN.



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
DIRECTORATE OF PUBLIC WORKS
3709 POLK RD, SUITE A
FORT CAMPBELL KY 42223-5617

June 14, 2023

Directorate of Public Works

Mr. E. Patrick McIntyre, Jr., Executive Director
Tennessee Historical Commission
Clover Bottom Mansion
2941 Lebanon Road
Nashville, Tennessee 37243-0442

Dear Mr. McIntyre:

Fort Campbell proposes a new dirt staging area located within Training Area 35 on the Fort Campbell Military Installation in Stewart County, Tennessee. The dirt staging area will support the rebuild of the Multipurpose Training Range (MPTR).

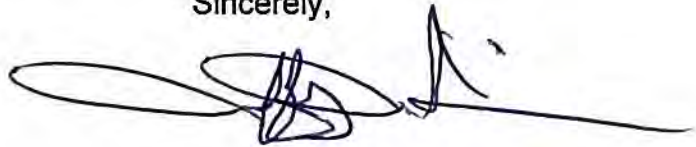
The proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December, 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.

A Phase I Archaeological Survey of the APE was completed by North Wind Resource Consulting in March of 2021; the report on this work has not been finalized and is considered *in process* by Fort Campbell. Fort Campbell has determined that, in accordance with the National Historic Preservation Act (NHPA) regulation 36 CFR 800.4, the survey was a reasonable and good faith effort to identify historic properties in the areas investigated. The TN SHPO has not concurred with this finding as of the writing of this consultation. Fort Campbell presents the shovel testing methodology used by North Wind and their results within the APE to support the negative finding. No artifacts or historic features were identified by shovel testing within the APE for this undertaking.

It is the determination of Fort Campbell that the proposed dirt staging area undertaking will have *No Adverse Effect* to Historic Properties. Please review the enclosed information supporting that determination and advise whether you concur

with the determination. If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or by telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Atkins', with a long horizontal line extending to the right.

Jeffrey J. Atkins, P.E.
Chief, DPW Environmental Division

Enclosure



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON PIKE
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

2023-06-14 16:03:18 CDT

Mr. Ronald Grayson
Us Army, Fort Campbell
ronald.i.grayson.civ@army.mil

RE: Department of Defense (DOD), Multipurpose Training Range within Existing Range 28, Project#: SHPO0003318, Ft. Campbell, Stewart County, TN

Dear Mr. Ronald Grayson:

In response to your request, we have reviewed the cultural resources survey report and accompanying documentation submitted by you regarding the above-referenced undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicants for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739).

Considering the information provided, we find that no historic properties eligible for listing in the National Register of Historic Places will be affected by this undertaking. For future submissions, if you are stating that there will "no adverse effect," please state what historic resource(s) will not be adversely affected.

If project plans are changed or archaeological remains are discovered during project construction, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act. Please provide your Project # when submitting any additional information regarding this undertaking. Questions or comments may be directed to Casey Lee, who drafted this response, at Casey.Lee@tn.gov, +16152533163.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer
Ref:MSG8668316_107VBSYYGsPkqzwcVcFP

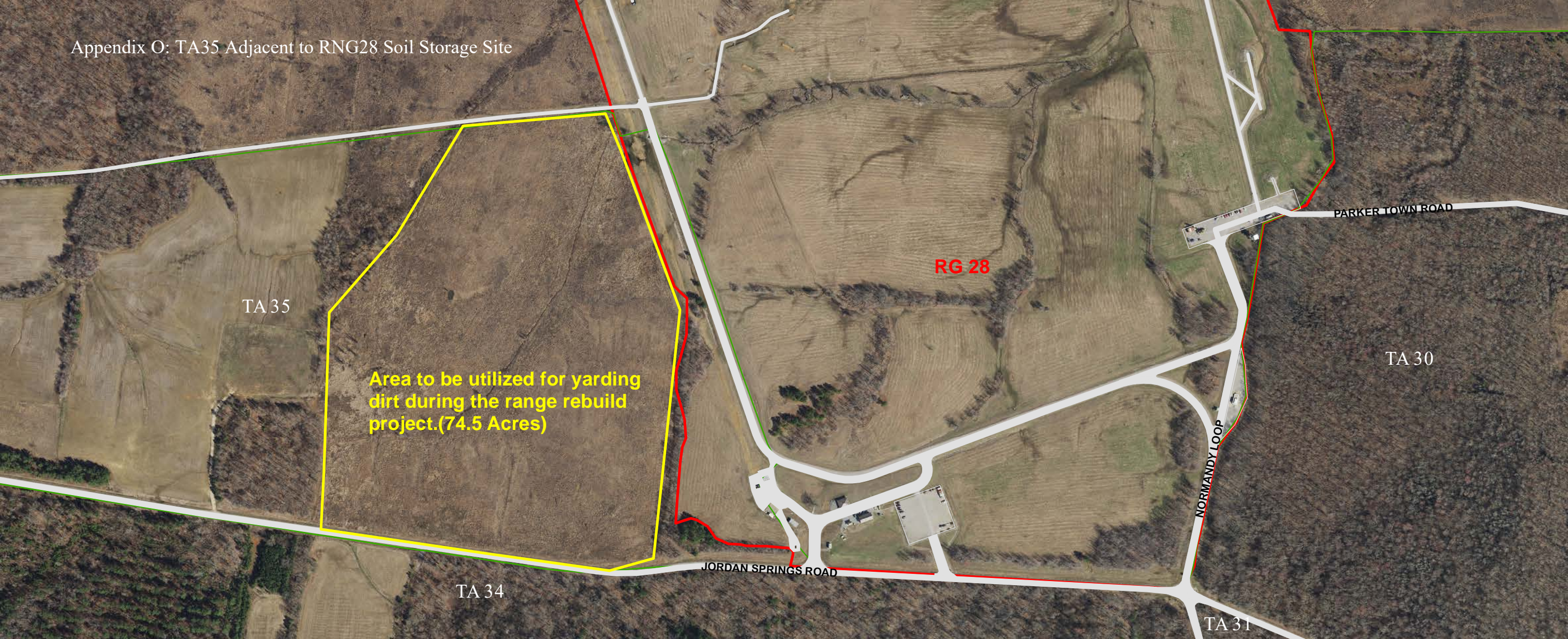
Appendix M: Finding of No Significant Impact (FONSI)

See separate FONSI document.

Appendix N: Finding of No Practicable Alternative (FONPA)

See separate FONPA document

Appendix O: TA35 Adjacent to RNG28 Soil Storage Site



TA 35

Area to be utilized for yarding
dirt during the range rebuild
project.(74.5 Acres)

RG 28

TA 30

TA 34

TA 31

PARKER TOWN ROAD

NORMANDY LOOP

JORDAN SPRINGS ROAD

Appendix P: Interagency Consultation and Comments

Page 1 of 1

**Appendix Q: Notice of Availability (NOA) Newspaper
Advertisements and Posting on Fort Campbell Public Page**

Leaf Chronicle

Public Notice

Originally published at theleafchronicle.com on 06/27/2023

0005739951 PUBLIC NOTICE Notice of Availability Draft Environmental Assessment Multi-Purpose Training Range Fort Campbell, Kentucky Beginning June 27, 2023 through July 27, 2023, the Army will accept comments on the Draft Fort Campbell FY24 Multi-Purpose Training Range Environmental Assessment (EA) at Fort Campbell, Kentucky. The EA has been prepared to facilitate National Environmental Policy Act (NEPA) compliance for construction and operation of a multi-purpose training range at our existing Range 28 in Stewart County Tennessee. The EA evaluates environmental and other effects of construction and operation of the range in the Fort Campbell training area. The project would not have significant impacts on the environment - indicating that a Finding of No Significant Impact (FNSI) would be appropriate. A Finding of No Practicable Alternative (FONPA) is also included. The public is invited to review documents on Fort Campbell's Environmental website,

<https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental> in the Public Review Documents link. A copy is also available for review at the Clarksville-Montgomery County Library, 350 Pageant Lane, Suite 404, Clarksville, TN 37042. Written comments or inquiries can be mailed or emailed to Mr. Dan Etson, Building 3709 Polk Road Fort Campbell, KY 42223, daniel.l.etsen.civ@army.mil



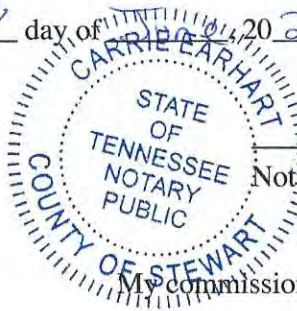
PROOF OF PUBLICATION

State of Tennessee --- Stewart County:

This day personally before me, came the undersigned, Levi Page, representative of the **Stewart County Standard**, a weekly newspaper published in Dover, Tennessee, who makes oath in due form of law that the advertisement for US Army DPW Environmental Division, a copy of which has been provided, was published in said paper on 6/27/23, and the printer's fee for same is \$ 96.

Levi Page

Sworn and subscribed to me this 28 day of July, 2023.



Notary

My commission expires: 12/2/25

Draft Environmental assess. notice of availability

CLASSIFIEDS

MERCHANDISE • HOMES • CARS • NOTICES • JOBS

PUBLIC NOTICES

SUBSTITUTE TRUSTEE'S SALE
Sale at public auction will be on **July 19, 2023 on or about 11:00AM local time**, At the Front Entrance of the, Stewart County Courthouse, 225 Donelson Parkway, Dover, TN 37058, conducted by the Substitute Trustee as identified and set forth herein below, pursuant to Deed of Trust executed by SUZANNE NEIL, to Fidelity National Title , Trustee, on November 24, 2017, at Record Book 208, Page 736-748 as Instrument No. 51492 in the real property records of Stewart County Register's Office, Tennessee.
Owner of Debt: PLANET HOME LENDING, LLC
The following real estate located in Stewart County, Tennessee, will be sold to the highest call bidder subject to all unpaid taxes, prior liens and encumbrances of record:
The land referred to herein below is situated in the County of Stewart, State of Tennessee in Deed Book 83 at page 417 and is described as follows:
Certain realty situated in the thirteenth (13th) civil district of Stewart County, Tennessee, and bounded and described as follows:
Beginning at a point approximately six feet West of the West end of a metal culvert on Bellwood Road approximately 800 feet south of the junction of said Bellwood Road with Old Highway 79, said beginning point being the Northeast corner of the property conveyed herein; thence with the West right of way boundary of Bellwood Road as follows: S 15 deg. 48 min. W 78.4 feet, S 44 deg. 22 min. W 156.8 feet to an iron pin in a fence line; thence with a fence N 60 deg. 09 min. W 203.2 feet to an iron pin; thence with McClure with a blazed line N 20 deg. 44 min. W 128.4 feet to an iron pin at Sycamore in a hollow; thence with said hollow S 84 deg. 33 min. E 354.3 feet to the beginning; containing 1.07 acres more or less. Bearings based on true north, and being designated as Map and Parcel No. 56- 39.02, on the Maps of the Assessor of Property for Stewart County, Tennessee. This description was taken from the Deed of Record in Deed Book 242, page 143, in the Register's Office for Stewart County, Tennessee.
Being the same property described in the deed to Jack Neil and wife, Suzanne Neil, as tenants by the entirety, from Harrison A. Reed and wife, Pamela R. Reed, recorded on April 16, 2009 in Book 83 at page 417, of the Public Records of Stewart County, Tennessee; Jack Neil died on November 20, 2012, with all of his interest being conveyed to Suzanne Neil as his tenant by the entirety upon his death.
Commonly known as 140 Bellwood Landing Rd, Indian Mound, TN 37079 However, by showing this address no additional coverage is provided.
Tax ID: 056-039.02
Current Owner(s) of Property: SUZANNE NEIL
The street address of the above described property is believed to be 140 Bellwood Landing Rd, Indian Mound, TN 37079, but such address is not part of the legal description of the property
sold herein and in the event of any discrepancy, the legal description referenced herein shall control.

continued on next line

Public Notice

The Town of Dover Municipal Planning Commission will meet on Monday July 10th, 2023 at 4:30 p.m. The meeting will be held at Dover Town Hall, 625 Donelson Parkway Dover, TN 37058.

Insertion Date: June 27, 2023

PUBLIC NOTICE

Notice of Availability Draft Environmental Assessment Multi-Purpose Training Range Fort Campbell, Kentucky

Beginning June 27, 2023 through July 27, 2023, the Army will accept comments on the Draft Fort Campbell FY24 Multi-Purpose Training Range Environmental Assessment (EA) at Fort Campbell, Kentucky. The EA has been prepared to facilitate National Environmental Policy Act (NEPA) compliance for construction and operation of a multi-purpose training range at our existing Range 28 in Stewart County Tennessee. The EA evaluates environmental and other effects of construction and operation of the range in the Fort Campbell training area. The project would not have significant impacts on the environment - indicating that a Finding of No Significant Impact (FNSI) would be appropriate. A Finding of No Practicable Alternative (FONPA) is also included. The public is invited to review documents on Fort Campbell's Environmental website, <https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental> in the Public Review Documents link.

A copy is also available for review at the Stewart County Public Library,102 Natcor Drive, Dover, TN 37058.

Written comments or inquiries can be mailed or emailed to Mr. Dan Etson, Building 3709 Polk Road Fort Campbell, KY 42223, daniel.l.etsen.civ@army.mil

Insertion Date: June 27, 2023

Public Notice

Notice is hereby given that Ordinance Number 476-23, an Ordinance amending zoning compliance permits (building permits). Second reading approved by the Board of Mayor and Aldermen of the Town of Dover, Tennessee, the 12th day of June, 2023.

Notice is hereby given that Ordinance Number 475-23, to amend Ordinance 451-21 by updating the employee's personal policy by recognizing Juneteenth as a paid holiday for all full-time employees.

Second reading approved by the Board of Mayor and Aldermen of the Town of Dover, Tennessee, the 12th day of June, 2023.

Lesa Fitzhugh, Mayor

Insertion Date: June 27, 2023

NOTICE OF MEETING OF GRAND JURY FOR STEWART COUNTY, TENNESSEE

It is the duty of your Grand Jurors to investigate any public offense which they know or have reason to believe has been committed and which is triable or indictable in this county. Any person having knowledge or proof that such an offense has been committed may apply to testify before the Grand Jury subject to the provisions of Tennessee Code Annotated. The Foreman in the County presently is **Van Herndon**, Dover, Tennessee. The Grand Jury will next meet on **July 6th, 2023 at 9:00 a.m.** at the Courthouse in Dover, Tennessee. You may be prosecuted for perjury for any oral or written statement which you make under oath to the Grand Jury, when you know the statement to be false, and when the statement touches on a matter material to the point in question.

(This notice is published as required by Chapter 727, Public Acts of 1978)

Insertion Dates: June 20 & 27, 2023

Live out of county or have a PO Box? Digital editions are now available by subscription on our website, www.StewartCountyStandard.com! Don't miss out on the latest news for Stewart County...subscribe today!

HELP WANTED!

Lumber Yard Clerk/ Delivery Driver position available.

Driver must be 18 with a valid TN drivers' license.

Call 931-232-5376 or ask for Andy or Nadia Brigham at Brigham Hardware.

NOTICE OF MEETING

The Stewart County Jail Work Release Committee will meet **Thursday, July 06, 2023 at 5:30 p.m.** in the Cumberland Room of the Stewart County Visitor Center, 117 Visitor Center Lane, Dover, Tennessee.

Purpose of the meeting:

- Election of Chairman, Vice Chairman & Secretary
- Approval for Work Release of Inmates
- New Business

Insertion Date: June 27, 2023

TOWN OF DOVER JOB OPPORTUNITY

The City of Dover is currently seeking qualified applicants for the position of Building/Codes Inspector.

The qualified candidate should meet the following requirements:

Current Certification as a building Inspector, through State of Tennessee.

Non-certified individual **must obtain certification within 1 year of employment.**

High School Diploma or General Equivalency Degree and experience in construction trade work or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job.

Must possess a valid Tennessee driver's license. Must be able to successfully pass a background check. Must pass drug screen by licensed physician.

Salary is dependent upon experience and qualifications. The application deadline is July 24th, 2023 3:30 p.m. Interested parties should pick up Application and job description at the Town of Dover, City Hall, 625 Donelson Pkwy, Dover, Tennessee, 37058.

Insertion Date: June 20 & 27, 2023

SELL IT IN THE STANDARD!! Check Out These Great Deals!

SERVICES:

CeramicPro Paint Protection. A protective coating with lifetime warranty; protect your vehicle against environmental contaminants. Protect your investment, call 1st Choice Collision Center 931-232-8200.

OLD MAN'S LAWN SERVICE. Dover-Bumpus Mills area. All work guaranteed. Mowing & leaf blowing. Reasonable prices. 931-232-2017

MOVING SALE:

Moving/Garage Sale. June 30 - July 1, 7 am - ?. 117 Lacy Ln., Dover. Furniture, Kubota RTV, Kubota 60 inch cut lawn mower, appliances & much more. Rain or shine.

Skilled Trades Needed, Successful Career Paths Offered

STORY SUBMITTED BY GO BUILD TN

Tennessee has a labor shortage in the skilled trades which means there is high demand in the construction and trade industries which offer rewarding high-paying careers. Over the next three years our state is projecting 315,000 job openings in the trades. With only one tradesperson set to enter the industry for every five that are retiring, it's critical that we address the labor shortage for Tennessee to remain an economic powerhouse. And, these job openings mean amazing and wide-ranging job opportunities for those graduating from high school or even adults looking for a career change.

Casin Swann, Board President of the non-profit Go Build Tennessee, said, "Over the past decade we've made

tremendous strides in combating the notion that the formula for success in America must include a four-year college degree. While college is the right fit for many students, it is not the only option to a successful career. In fact, the trades offer the opportunity to start earning a high wage on day one without taking on any student loans or debt." According to Swann, the growth potential in the trades is limitless since most of the learning and training is done on the job. Many who work in trades advance within their careers into leadership positions and many take their skills and experience and start their own business.

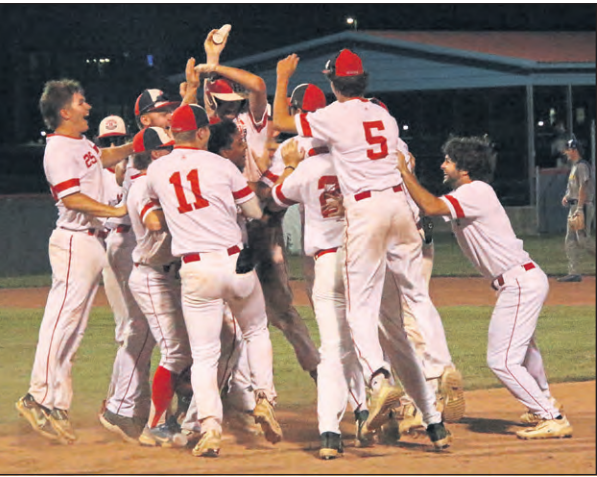
Swann added, "Today it's clear that the "college only" approach has left far too many saddled with tens of thousands of dollars in student loans without adequate

job opportunities. Put simply, many students have had to learn the hard way that their degrees might not equate to a high paying job. A sobering fact is that more than half of students finish their education with debt. Statistics show that it will take 39% of college graduates a decade to pay off their loans. While, seven out of 10 jobs in the trades require less than a four-year degree and the majority of trade professionals have an average salary above \$60,000."

The training opportunities in Tennessee are endless. The Associated Builders and Contractors of Greater Tennessee operate two Construction Trades Academies in Nashville and Knoxville and the Associated General Contractors in East Tennessee operate the Construction Career Center in Chattanooga. Our state

also operates 24 Tennessee Colleges of Applied Technology (TCATs). These are all great places to get trained for electric, carpentry, plumbing, HVAC, masonry and other trades in state-of-the-art facilities.

Swann said, "I encourage any student, parent of a student or those interested in a career change to head to the Go Build Tennessee career quiz –at GoBuildTennessee.com – to explore and learn about different professions and training opportunities across our state. The opportunities for training in the trades are endless. Professions like electricians, welders, road builders, home builders, carpenters, plumbers, pipefitters, painters, ironworkers, linemen, masons, equipment operators and sheet metal workers are all in demand."



Derek Harper New Era Sports Writer
Hoptown Hoppers players celebrating their 8-7 walk off win Sunday night over the Henderson Flash.

HOPPERS

FROM PAGE B1

Flash would make it 6-4 with a run in the top of the fourth inning, but the Hoppers rallied to take a 7-6 lead in the bottom of the sixth inning as they plated three runs. But Henderson would answer back in the top of the seventh inning with a run to tie the game at 7-7. The game would then go scoreless in the eighth inning before the Hoppers put across the winning run in the bottom of the ninth inning to win it 8-7 and improve to 8-11 on the season.

Stephen Bell had one run scored, four hits and three RBIs.

Sam Perkins had one run scored, three hits and reached base once on a walk.

Dom Oliverio had one run scored, one hit and reached base once on a walk.

Carter Hood had one run scored, one hit, two RBIs and reached base once on a walk.

Luis Villalba had one run scored and one RBI.

John Keibler had one run scored and reached

base twice on walks.

Artem Logvinov had one run scored and reached base once on a walk.

Robert Estrada had one hit, one RBI and reached base once on a walk.

Manuel Villalobos had one hit.

Chase Cummings had one RBI.

Jack McGuire pitched two innings and allowed five hits, five runs, walked two batters and struck out two.

Ethan Davis pitched two innings and allowed three hits, one run and struck out one batter.

Cannon Anthony pitched two innings and allowed two hits, one run, walked one batter and struck out two.

Trent Youngeberg pitched one innings and allowed one hit and struck out one batter.

Chase Gruno pitched one inning and walked one batter while striking out two.

Myles Green pitched one inning and struck out two batters.

Head coach EJ Davarie spoke postgame about his team's performance as of late and the chemistry throughout the team.

MITCHELL

FROM PAGE B1

over Oklahoma State; 20 points and 7 rebounds in a 2-point loss to Kansas; 17 points and 9 rebounds in a win over Texas Tech in the Big XII Tournament; and 13 points and 6 rebounds in a loss to Maryland in the first round of the NCAA Tournament.

Over the course of his 4-year collegiate career, Mitchell has started 92 of 102 games, averaging 13.7 points 5.9 rebounds, and 1.8 assists, shooting 48.3% overall, 34.7% from 3, and 76.3% from the free throw line.

Mitchell has various ties to UK head coach John Calipari. Like Calipari, he is originally from Pittsburgh and began his collegiate career at UMass, where Calipari served as head coach from 1988-96.

The Wildcats recruited Mitchell when he entered the transfer portal following his sophomore season with the Minutemen in 2021 before signing with Texas, where he averaged

8.7 points, 4 rebounds and 1.3 assists in 18.6 minutes per game during his lone season with the Longhorns in 2021-22.

Following eight off-season departures, including two-time All-American and former national player of the year Oscar Tshiebwe to the NBA, as well as reserve forwards Daimion Collins (LSU) and Lance Ware (Villanova) to the transfer portal, Kentucky needed some experience to bolster its frontcourt and complement returning sophomore center Ugonna Onyenso as well as incoming freshman 7-footer Aaron Bradshaw.

UK swung and missed on Michigan's Hunter Dickinson (Kansas), San Diego State's Keshad Johnson (Arizona), and Creighton's Arthur Kaluma (Kansas State).

The Wildcats are also courting 4-star 2024 Over-time Elite center Somto Cyril (6-10, 240), who took an official visit to Lexington earlier this month and is expected to reclassify to 2023 and join the roster for the upcoming 2023-24 season.

SCHEDULE

FROM PAGE B1

matchup in Starkville last season by a 71-68 margin. UK leads the all-time series by a 101-21 margin, including 16-1 under Calipari.

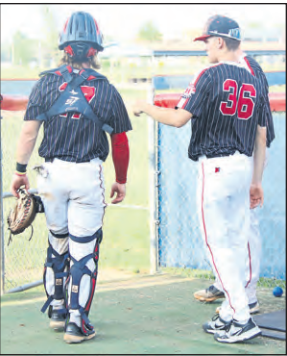
UK has played Tennessee more than any other program in its history and owns a 160-77 all-time series record. Kentucky swept the Volunteers last season, marking the first time the Cats were victorious in both regular-season matchups since 2011-12.

Kentucky leads the all-time series with Vanderbilt 155-49, but the Commodores took two of three meetings a season ago, including an opening-round win in the SEC Tournament. Kentucky is 24-6 all-time in the series

under Calipari, and prior to last season owned a 13-game winning streak.

Calipari and the Wildcats will get an early start to their season with a trip to Toronto, Canada, for the GLOBL Jam in July. Canada Basketball, in partnership with the National Association of Basketball Coaches, invited the Wildcats to represent the United States in a world-class international basketball showcase featuring Under-23 teams from around the world.

In addition to Canada and the United States, GLOBL JAM will feature an African contingent and Germany on the men's side. Teams will compete in a round-robin format July 12-15, followed by a bronze and gold medal championship game on July 16.



Derek Harper New Era Sports Writer

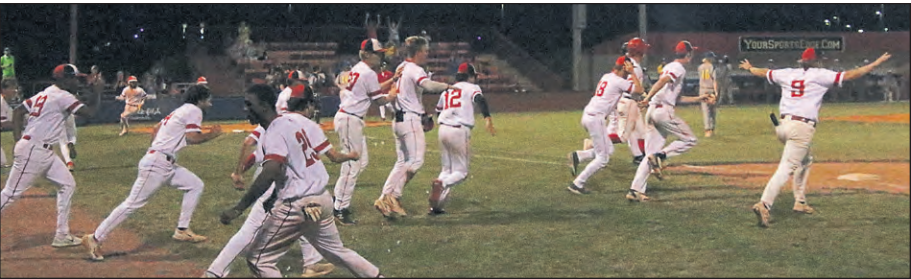
Hoppers players Caden Wilburn (36) with teammates in the bullpen during Saturday night's game against the Paducah Chiefs.

"I just feel like the bats are starting to shine a little bit more than at the beginning, I guess a little bit more confidence on the hitters," Davarie said. "I feel like they were doing a pretty good job swinging the bat as of lately, nothing that has changed much, it's just the bats are kind of waking up."

As the team hopes to keep the wins coming, Davarie said that they're out there every day playing one day at a time and that from what they can see, they can produce some magic late in the game.

"They're just battling, day in and day out," Davarie said.

He also explained how it's been a collective effort overall from the team. Davarie said that there are days where their hitters don't hit as well as they should, and the pitchers take care of it. Then there are other days such as Sunday night, with Davarie saying how their bats stepped up. It's clear that



Derek Harper New Era Sports Writer

Hoptown Hoppers players stream out of their dugout to celebrate the 8-7 walk off win Sunday night over the Henderson Flash.

the team chemistry is coming together well.

"They're getting along, more weeks now at a time now that they're getting to know each other a little bit better, from what I hear, they're together about 24 hours a day, so I feel like they're getting comfortable with each other," Davarie said.

The Hoppers' next game is tonight as they hit the road to take on Full County Rhythm with first pitch set for 7:05 p.m.

LEGAL

PUBLIC NOTICE
Notice of Availability Draft Environmental Assessment Multi-Purpose Training Range Fort Campbell, Kentucky

Beginning June 27, 2023 through July 27, 2023, the Army will accept comments on the Draft Fort Campbell FY24 Multi-Purpose Training Range Environmental Assessment (EA) for at Fort Campbell, Kentucky. The EA has been prepared to facilitate National Environmental Policy Act (NEPA) compliance for construction and operation of a multi-purpose training range at our existing Range 28 in Stewart County Tennessee. The EA evaluates environmental and other effects of construction and operation of the range in the Fort Campbell training area. The project would not have significant impacts on the environment - indicating that a Finding of No Significant Impact (FNSI) would be appropriate. A Finding of No Practicable Alternative (FONPA) is also included. The public is invited to review documents on Fort Campbell's Environmental website, <https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental> in the Public Review Documents link.

A copy is also available for review at the Christian County Library, 101 Bethel Street, Hopkinsville, KY 42240.

Written comments or inquiries can be mailed or emailed to Mr. Dan Etson, Building 3709 Polk Road Fort Campbell, KY 42223, daniel.l.etsen.civ@army.mil

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LEGAL

REQUEST FOR BIDS
Elkton Todd County Parks and Recreation Commission will be accepting bids for use of the concessions building. Responsibilities will include providing food, drinks, and snacks during spring and fall sports events. Bids will be accepted at The Todd County Judge Executive's Office at 202 E Washington St. Elkton KY 42220 or can be mailed to PO Box 22 Elkton KY 42220. Bids will need to be received by 9:00am, July 6th, 2023.

LEGAL

CITY OF GUTHRIE, KENTUCKY ORDINANCE NO. 2023-3
AN ORDINANCE AMENDING SECTION 14 OF THE CITY OF GUTHRIE, KENTUCKY, SEWER USE ORDINANCE
WHEREAS, the sewer use ordinance of the City of Guthrie, Kentucky, contains a section, numbered Section 14, which was reserved for establishment of Wastewater Treatment Rates; and WHEREAS, the ordinance establishing the sewer service rates in the City of Guthrie previously appeared separately in the City of Guthrie Code of Ordinances;
WHEREAS, in order to better organize and structure the Code of Ordinances of the City of Guthrie to include all rules and regulations pertaining to the operation of the Guthrie Wastewater Department within the City of Guthrie Sewer Use Ordinance.
NOW, THEREFORE, BE IT HEREBY ORDAINED by the legislative body of the city of Guthrie, Kentucky, that Section 14 of the sewer use ordinance be, and the same is, hereby amended as follows:
Section I.
SECTION 14-WASTEWATER TREATMENT RATES
14.1. Residential, commercial, and those industrial customers participating in the industrial cost recovery program, shall pay sewage service rates based on water purchased from the City. Industries participating in industrial cost recovery shall be charged on metered waste flows.
14.2. Rates.
A. A minimum charge of ~~\$25.00~~ \$38.00 for the first 2,000 gallons of water consumed or metered flow will be charged to all residential customers. Thereafter, ~~\$7.00~~ \$10.00 per 1,000 gallons will be charged to all residential customers.
B. A minimum charge of ~~\$28.00~~ \$42.50 for the first 2,000 gallons of water consumed or metered flow will be charged to all commercial and industrial customers: Thereafter \$7.90 \$10.50 per 1,000 gallons will be charged to all commercial and industrial customers.
C. A minimum charge of ~~\$75.00~~ for the first 2,000 gallons of water consumed or metered flow will be charged to all industrial customers unless a contractual agreement is in place for base charges or fees. Thereafter \$11.00 per 1,000 gallons will be charged to all industrial customers.
14.3 Tap Fees
A. Each customer applying for a sanitary sewer connection shall pay a \$500.00 minimum sewer tap-on fee prior to connection unless specifically otherwise agreed upon in advance.
B. In the event the cost to the city exceeds the above tap-on fee, a determination of the actual cost shall be made by the Utility Superintendent and such cost shall be the responsibility of the customer.
Section II.
If any section, subsection, sentence, clause or phrase of this Ordinance is held unconstitutional or otherwise invalid, such infirmity shall not affect the validity of the remainder of this Ordinance.
Section III.
Any and all other ordinances, or portions thereof, inconsistent with this ordinance are hereby automatically repealed.
Section IV.
This Ordinance shall take effect and be in force from and after the date of its passage and publication according to law.
PUBLICLY READ FOR FIRST READING: 6/13/23
PUBLICLY READ FOR SECOND READING: 6/21/23
/s/ Jimmy Covington
JIMMY COVINGTON, MAYOR
CITY OF GUTHRIE, KENTUCKY
ATTEST:
/s/ Alison Blumel
ALISON BLUMEL, CITY CLERK

Kentucky New Era.

CLASSIFIED DEADLINES

PUBLICATION DATE	DEADLINE
TUESDAY	THURSDAY 3 PM
THURSDAY	MONDAY 3 PM
SATURDAY	WEDNESDAY 3 PM

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LEGAL

ORDINANCE 13-2023
AMENDING THE CITY OF HOPKINSVILLE, KENTUCKY, ANNUAL BUDGET FOR FISCAL YEAR JULY 1, 2022 THROUGH JUNE 30, 2023 BY ESTIMATING REVENUES AND RESOURCES AND APPROPRIATING FUNDS FOR THE OPERATION OF CITY GOVERNMENT

SUMMARY
NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOPKINSVILLE, KENTUCKY AS FOLLOWS:

SECTION ONE
By summary, section one of Ordinance 05-2023 adopting the annual budget for the fiscal year beginning July 1, 2022 and ending June 30, 2023 is amended as follows:

REVENUES		
General Fund	\$ [42,808,526]	45,825,526
Municipal Road Aid Fund	\$ 660,000	
Prior Year Revenues	\$ 630,471	
Total Revenues	\$ [44,098,997]	47,115,997
EXPENSES		
General Fund	\$ [43,438,997]	46,455,997
Municipal Road Aid Fund	\$ 660,000	
Total Expenses	\$ [44,098,997]	47,115,997

The full text of this ordinance is on file in the office of the undersigned city clerk of the city of Hopkinsville at 715 South Virginia Street, Hopkinsville, Kentucky, where it is available for public inspection between the hours of 8:00 a.m. to 4:30 p.m., Monday through Friday.

ORDINANCE 13-2023 SUMMARY
AMEND FY 22-23 OPERATIONAL BUDGET

PUBLICLY READ AND PASSED FIRST TIME: JUNE 6, 2023

PUBLICLY READ AND PASSED SECOND TIME: JUNE 20, 2023

APPROVED:
Mayor James R. Knight Jr.

ATTEST:
City Clerk Christine M. Fletcher, MMC

I, H. Douglas Willen, hereby certify I am an attorney licensed to practice law in the Commonwealth of Kentucky, my office is located at 317 West Ninth Street, Hopkinsville, Kentucky 42240. I further certify the foregoing summary of Ordinance 13-2023, of the city of Hopkinsville, Kentucky, was prepared in accordance with the requirements of KRS 83A.060(9), and is a true and accurate summary of the contents of said ordinance.

H. Douglas Willen

This advertisement was paid for by the City of Hopkinsville using taxpayer dollars in the amount of \$157.30

LEGAL

ORDINANCE 15-2023
ADOPTING THE CITY OF HOPKINSVILLE, KENTUCKY, ANNUAL BUDGET FOR FISCAL YEAR JULY 1, 2023 THROUGH JUNE 30, 2024 BY ESTIMATING REVENUES AND RESOURCES AND APPROPRIATING FUNDS FOR THE OPERATION OF CITY GOVERNMENT

SUMMARY
NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HOPKINSVILLE, KENTUCKY AS FOLLOWS:

SECTION ONE
By summary, the fiscal year 2023-2024 budget of the city of Hopkinsville is hereby adopted as follows:

REVENUES	
General Fund	\$ 47,270,332
Municipal Road Aid Fund	\$ 683,722
Prior Year	\$ 173,909
Total Revenues	\$ 48,127,963
EXPENSES	
General Fund	\$ 47,438,269
Municipal Road Aid Fund	\$ 683,722
Total Expenses	\$ 48,121,991
Surplus	\$ 5,972

SECTION TWO
Adopts the classification and compensation plan pursuant to Chapter 30 of the Hopkinsville Code of Ordinances.

SECTION THREE
Sets authorization to enter into contracts or agreements within budgeted allocations.

The full text of this ordinance is on file in the office of the undersigned city clerk of the city of Hopkinsville at 715 South Virginia Street, Hopkinsville, Kentucky, where it is available for public inspection between the hours of 8:00 a.m. to 4:30 p.m., Monday through Friday.

ORDINANCE 15-2023 SUMMARY
ADOPT FY 23-24 OPERATIONAL BUDGET

PUBLICLY READ AND PASSED FIRST TIME: JUNE 6, 2023

PUBLICLY READ AND PASSED SECOND TIME: JUNE 20, 2023

APPROVED: Mayor James R. Knight Jr.

ATTEST: City Clerk Christine M. Fletcher, MMC

I, H. Douglas Willen, hereby certify I am an attorney licensed to practice law in the Commonwealth of Kentucky, my office is located at 317 West Ninth Street, Hopkinsville, Kentucky 42240. I further certify the foregoing summary of Ordinance 15-2023, of the city of Hopkinsville, Kentucky, was prepared in accordance with the requirements of KRS 83A.060(9), and is a true and accurate summary of the contents of said ordinance.

H. Douglas Willen

This advertisement was paid for by the City of Hopkinsville using taxpayer dollars in the amount of \$172.42.

INDICTMENTS

Recent indictments in Trigg County include the following:

Daniel L. Clark, 20, of 32 Hopkinsville St., Cadiz, for theft by unlawful taking, firearm, on Dec. 15.

Daniel L. Clark, 20, 32 Hopkinsville St., Cadiz, for theft by unlawful taking, firearm, on Jan. 15.

Gregory Fletcher, 55, 85 Dunning Road, Cadiz, for rear license not illuminated, failure to produce an insurance card, possession of a controlled substance, first degree, and possession of drug paraphernalia.

Everett P. Fralick, 27, 66 Iron St., Cadiz, for theft of identity; carrying a concealed deadly weapon; possession of a handgun by a convicted felon; and persistent felony offender, first degree, on April 22-23.

Everett P. Fralick, 27, 66 Iron St., Cadiz, for wanton endangerment, first degree; criminal mischief, second degree; possession of a handgun by a convicted felon; terroristic threatening, third degree; and persistent felony offender, first degree, on April 21-22.

Aaron King, also known as Ross Topper, 34, 154 Forrest Circle, Cadiz, for theft of identity; terroristic threatening, third degree; operating on a suspend-

ed or revoked operator's license; improper display registration plates; license to be in possession; and possession of drug paraphernalia.

Joseph Austin Knight, 27, 286 Third St., Cadiz, for assault, fourth degree; criminal abuse, first degree; and theft by unlawful taking under \$1,000.

Dylan Owen Parker, 25, 3098 Princeton Road, Cadiz, for wanton endangerment, first degree; and complicity.

Kquiara Leneva Sutton, 22, 732 Caledonia Road, Cadiz, for wanton endangerment, first degree; and complicity.

Jonathan P. Russell, 20, Benton, for sodomy, second degree; no/expired Kentucky registration receipt; no/expired registration plates; and operat-

ing a vehicle with expired license.

Jamiston Ray Stewart, 32, 77 Rabbit Ridge Road, Cadiz, for possession of a controlled substance, first degree; and possession of drug paraphernalia.

Phillip Ashley Stroud, 48, 100 Dean Road No. 14, Cadiz, for trafficking in a controlled substance, first

degree, first offense; possession of marijuana; and possession of drug paraphernalia.

Orlando Wilkerson Jr., 27, 3281 Barefield Road, Cadiz, for following another vehicle too closely; reckless driving; fleeing

or evading police, first degree; wanton endangerment, first degree; resisting arrest; license to be in possession; possession of an open alcohol beverage container in a motor vehicle; criminal mischief, second degree; and DUI,

first offense.

Reach Tonya S. Grace at 270-887-3240 or tgrace@kentuckynewera.com.

LEGAL

PUBLIC NOTICE
Notice of Availability Draft Environmental Assessment Multi-Purpose Training Range Fort Campbell, Kentucky

Beginning June 29, 2023 through July 29, 2023, the Army will accept comments on the Draft Fort Campbell FY24 Multi-Purpose Training Range Environmental Assessment (EA) for at Fort Campbell, Kentucky. The EA has been prepared to facilitate National Environmental Policy Act (NEPA) compliance for construction and operation of a multi-purpose training range at our existing Range 28 in Stewart County Tennessee. The EA evaluates environmental and other effects of construction and operation of the range in the Fort Campbell training area. The project would not have significant impacts on the environment - indicating that a Finding of No Significant Impact (FNSI) would be appropriate. A Finding of No Practicable Alternative (FONPA) is also included. The public is invited to review documents on Fort Campbell's Environmental website, <https://home.army.mil/campbell/index.php/about/Garrison/dpw/environmental> in the Public Review Documents link.

A copy is also available for review at the John L. Street Library, 244 Main Street, Cadiz, KY 42211.

Written comments or inquiries can be mailed or emailed to Mr. Dan Etson, Building 3709 Polk Road Fort Campbell, KY 42223, daniel.l.etsen.civ@army.mil

LEGAL

LEGAL NOTICE
A Petition for Transfer of Exemption and to Dispense with Administration was filed on June 15, 2023 on the Estate of FRANK HENDRIX. Claims must be proved according to KRS within six (6) weeks from the date of publication in the paper with the Court or Carolyn Rhea Cobbs or to H. B. Quinn, Attorney at Law, P.O. Box 1549, Cadiz, Kentucky 42211. TRIGG CIRCUIT CLERK P. O. Box 673 Cadiz, KY 42211 CASE NO.: 23-P-00074

LEGAL

Notice
Notice is hereby given that the Final Settlement of the Estate of Thelma Barnett, deceased, Case No. 20-P-00092, has been filed with the Trigg District Court, by Brenda Sprague, Executrix of the Estate, and a hearing on same will be held on, July 13, 2023, at 1:30 P.M., Trigg District Court, at the Trigg County Justice Center, Cadiz, KY. Any exceptions to the settlement must be filed prior to the hearing. Attorney for the estate, W.E. Rogers III, 205 Oriole Dr Hopkinsville KY 42240. This the 19th day of June 2023 /s/ Shannon Ellis, Deputy Clerk Trigg District Court 41 Main Street Cadiz, KY 42211 270-522-6270

LEGAL

LEGAL NOTICE
A PETITION FOR TRANSFER OF EXEMPTION AND TO DISPENSE WITH ADMINISTRATION WAS FILED ON JUNE 7, 2023 ON THE ESTATE OF JACKIE D. CLARK CLAIMS MUST BE PROVED ACCORDING TO KRS WITHIN SIZE WEEKS FROM THE DATE OF PUBLICATION IN THE PAPER WITH THE COURT TRIGG CIRCUIT COURT-CLERK PROBATE DIVISION PO BOX 673 CADIZ KY 42211

LEGAL

Notice
Fiduciary appointments have been made by the Trigg District Court as follows: All persons having claims against said estate are notified to present them to the Fiduciary verified according to law not later than six (6) months from date of qualification of personal representative. Case No. 23-P-00075 appointed William Thomas Gray as Executor for the Estate of Phillip J. Gray, deceased January 23, 2023, 11637 State Route 359, Waverly, KY 42262. Attorney for Estate, is K. T. Williams, P. O. Box 561, Henderson, KY 42419. This 22nd day of June, 2023. /s/ Shannon Ellis, Deputy Clerk Trigg District Court 41 Main Street Cadiz, KY 42211 270-522-6270

Happy 4th of July!

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For more information contact
Richard Wimsatt, local league coordinator,
270-484-0471; richardwimsatt@bellsouth.net



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Alerts and Notifications (<https://home.army.mil/campbell/index.php/announcements>)

Weather Alerts

24 Jul 2023 20:37

There are currently no Weather Watches/Warnings for Ft Campbell, KY.

Notice of Availability Draft Environmental Assessment Multi-Purpose Training Range Fort Campbell, Kentucky

Beginning June 27, 2023 through July 27, 2023, the Army will accept comments on the Draft Fort Campbell FY24 Multi-Purpose Training Range Environmental Assessment (EA) at Fort Campbell, Kentucky. The EA has been prepared to facilitate National Environmental Policy Act (NEPA) compliance for construction and operation of a multi-purpose training range at our existing Range 28 in Stewart County Tennessee. The EA evaluates environmental and other effects of construction and operation of the range in the Fort Campbell training area. The project would not have significant impacts on the environment - indicating that a Finding of No Significant Impact (FNSI) would be appropriate. A Finding of No Practicable Alternative (FONPA) is also included. The public is invited to review documents on Fort Campbell's [ENVIRONMENTAL WEBSITE](https://home.army.mil/campbell/index.php/about/garrison/dpw/environmental/public-review-documents)

([HTTPS://HOME.ARMY.MIL/CAMPBELL/INDEX.PHP/ABOUT/GARRISON/DPW/ENVIRONMENTAL/PUBLIC-REVIEW-DOCUMENTS](https://home.army.mil/campbell/index.php/about/garrison/dpw/environmental/public-review-documents)).

Written comments or inquiries can be mailed or emailed to Mr. Dan Etson, Building 3709 Polk Road Fort Campbell, KY 42223, daniel.l.etsen.civ@army.mil

CLICK [HERE](https://home.army.mil/campbell/index.php/announcements) FOR MORE OF THE LATEST ALERTS AND NOTIFICATIONS. ([HTTPS://HOME.ARMY.MIL/CAMPBELL/INDEX.PHP/ANNOUNCEMENTS](https://home.army.mil/campbell/index.php/announcements))

TOP LINKS

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IN-PROCESSING (<https://home.army.mil/campbell/index.php/Kalsu>).

HOUSING (<https://home.army.mil/campbell/index.php/housing-services>).

CLICK HERE FOR MORE (<https://home.army.mil/campbell/index.php/my-fort/newcomers>)

VISITORS (<https://home.army.mil/campbell/index.php/my-fort/visitors>)

VISITOR CHECK IN (<https://home.army.mil/campbell/index.php/visitor-check-in>).

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Written comments or inquiries can be mailed or emailed to Mr. Dan Etson, Building 3709 Polk Road Fort Campbell, KY 42223, daniel.l.etsen.civ@army.mil

Draft Environmental Assessment: Fort Campbell MPTR

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Q-7

Appendix R: Tribal Consultation and EA Review

From: [Grayson, Ronald I CIV USARMY ID-READINESS \(USA\)](#)
To: [Etson, Daniel L CIV USARMY ID-READINESS \(USA\)](#)
Cc: [Atkins, Jeffrey J CIV USARMY \(USA\)](#); [Allen, Clinton B CIV USARMY ID-READINESS \(USA\)](#)
Subject: MPTR EA Tribal Consultation Letters
Date: Thursday, July 27, 2023 2:49:28 PM
Attachments: [MPTR EA FTC to United Keetoowah Band_email out.pdf](#)
[MPTR EA FTC to United Keetoowah Band.pdf](#)

Dan:

All of the letters to the 12 Federally recognized Indian Tribes have been sent Certified Mail today. Additionally, I have also emailed the consultation to each Tribe according to their requests. I am attaching a copy of one letter and email for reference. The Certified mail receipt number is the last page of the cover letter PDF for reference.

I will keep track of the 30-day comment period per tribe once the hardcopy is received and let you know when we receive the response, or the period expires, whichever comes first.

I will keep you informed as this progresses and please feel free to call with any questions or concerns.

ron

Ronald Grayson, M.A., RPA

NEW Email: ronald.i.grayson.civ@army.mil

Archaeologist, Cultural Resources Program Manager Directorate of Public Works Fort Campbell, KY
270-412-8174 (DSN 635-8174)

Fort Campbell Cultural Resources Website:

<https://home.army.mil/campbell/index.php/cultural-resources>



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. John Raymond Johnson, Governor
Absentee Shawnee Tribe of Oklahoma
2025 South Gordon Cooper Dr.
Shawnee, OK 74801

Dear Governor Johnson:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

Due to the project location, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.

Four (4) archaeological sites are located within the project area and have been determined *Not Eligible* for listing on the NRHP under Criteria D by Fort Campbell with concurrence from the TN State Historic Preservation Officer (SHPO). The archaeological sites are described, in detail, in the enclosed documentation. Site specific information, and locational data, is considered highly sensitive and will not be distributed to the public. All site-specific information, and locational data, is included in the consultation portion of this submission only. No sensitive information is included in the draft EA.

If historic properties, or human remains, are encountered during the project, an onsite representative with authority to stop work will ensure all construction activities are halted until proper protocol for inadvertent discoveries are followed.

It is the determination of the U.S. Army and the TN SHPO that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information and provide your concurrence or advise if this project raises any concerns for your Tribe within 30 days of your receipt of this determination. In accordance with 36 CFR § 800.3(c)(4), the U.S. Army will proceed to the next step in review if we do not receive a response from you within 30 days.

If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Jordan', with a long horizontal flourish extending to the right.

Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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St Absentee Shawnee Tribe of Oklahoma
2025 South Gordon Cooper Drive
Ci Shawnee, OK 74801



PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

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- Complete items 1, 2, and 3.
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1. Article Addressed to:

Absentee Shawnee Tribe of Oklahoma
ATTN: Mr. John Raymond Johnson, Governor
2025 South Gordon Cooper Drive
Shawnee, OK 74801



9590 9402 6477 0346 4086 67

2. Article Number (Transfer from service label)

7019 2280 0001 1493 3039

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x

☐ Agent☐ Addressee

B. Received by (Printed Name)

N. Johnson

C. Date of Delivery

8/1/23

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PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Chuck Hoskin Jr., Principal Chief
Cherokee Nation of Oklahoma
P.O. Box 948
Tahlequah, OK 74465

Dear Chief Hoskin:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

Due to the project location, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.

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It is the determination of the U.S. Army and the TN SHPO that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information and provide your concurrence or advise if this project raises any concerns for your Tribe within 30 days of your receipt of this determination. In accordance with 36 CFR § 800.3(c)(4), the U.S. Army will proceed to the next step in review if we do not receive a response from you within 30 days.

If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

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Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$

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Cherokee Nation of Oklahoma
P.O. Box 948
Tahlequah, OK 74465



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1. Article Addressed to:

Cherokee Nation of Oklahoma
ATTN: Mr. Chuck Hoskin Jr., Principal Chief
P.O. Box 948
Tahlequah, OK 74465



9590 9402 6477 0346 4087 66

2. Article Number (Transfer from service label)

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Chuck Hoskin Jr.
Principal Chief
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Bryan Warner
Deputy Principal Chief
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September 5, 2023

Ronald Grayson
United States Army Garrison
Fort Campbell
T39 Indiana Avenue, Suite 223
Fort Campbell, KY 42223-3570

Re: Fort Campbell Multipurpose Training Range, Dirt Staging Area

Mr. Ronald Grayson:

The Cherokee Nation (Nation) is in receipt of your correspondence about **Fort Campbell Multipurpose Training Range**, and appreciates the opportunity to provide comment upon this project. This communication is intended for government-to-government consultation with a sovereign federally recognized Tribal Nation. Information received in consultation will be deemed confidential unless explicit consent is provided by the Nation.

The Nation maintains databases and records of cultural, historic, and pre-historic resources in this area. Our Historic Preservation Office (Office) reviewed this project for the dirt staging area only, cross referenced the project's legal description against our information, and found no instances where this project intersects or adjoins such resources. Thus, the Nation does not foresee the dirt staging area portion of the project imparting impacts to Cherokee cultural resources at this time.

To continue consultation, however, our Office requests the related reports for Sites 40SW0157 – 40SW0159 and 40SW0571. Additionally, the Nation requests that the United States Army conduct appropriate inquiries with other pertinent Historic Preservation Offices regarding historic and prehistoric resources not included in the Nation's databases or records.

If you require additional information or have any questions, please contact me at your convenience. Thank you for your time and attention to this matter.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer
Cherokee Nation Tribal Historic Preservation Office
elizabeth-toombs@cherokee.org
918.453.5389

Grayson, Ronald I CIV USARMY ID-READINESS (USA)

From: Grayson, Ronald I CIV USARMY ID-READINESS (USA)
Sent: Monday, September 18, 2023 9:52 AM
To: Elizabeth Toombs
Subject: RE: Fort Campbell Multipurpose Training Range
Signed By: ronald.i.grayson.civ@army.mil

Elizabeth:

I just wanted to check in to see if you received the reports referenced below and if the Tribe had any other comments to the EA?

Respectfully

ron

From: Elizabeth Toombs <elizabeth-toombs@cherokee.org>
Sent: Tuesday, September 5, 2023 4:11 PM
To: Grayson, Ronald I CIV USARMY ID-READINESS (USA) <ronald.i.grayson.civ@army.mil>
Subject: [Non-DoD Source] RE: Fort Campbell Multipurpose Training Range

Thank you for the follow-up, Mr. Grayson.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer
Cherokee Nation
Tribal Historic Preservation Office
PO Box 948
Tahlequah, OK 74465-0948
918.453.5389

From: Grayson, Ronald I CIV USARMY ID-READINESS (USA) <ronald.i.grayson.civ@army.mil>
Sent: Tuesday, September 5, 2023 2:49 PM
To: Elizabeth Toombs <elizabeth-toombs@cherokee.org>
Subject: <EXTERNAL> RE: Fort Campbell Multipurpose Training Range

WARNING STAMP, MICROSOFT WORD ATTACHMENT:
IF YOU DO NOT KNOW THE SENDER OR WERE NOT EXPECTING THIS EMAIL, DO NOT OPEN ANY EMAIL
ATTACHMENTS AND DELETE THIS MESSAGE.
Thank you: Cherokee Nation Information Technology Department

Elizabeth:

Great to hear from you, thanks for the response. We have consulted with the 12 Tribes on the attached list, as well as the State Historic Preservation Offices of Tennessee and Kentucky for this EA. So far, we have only received a response from you and the Chickasaw. I believe the SHPO responses were in the attachments.

The sites are addressed in two reports and I can send them to you digitally via DoD SAFE transfer, which is easiest, or Hard Copy. Additionally, we can send you digital copies of all of the reports from the installation if you want, although I will have to look into the best way to send as the file sizes are large and DoD SAFE has a data cap per download.

You should be getting the DoD SAFE link today or tomorrow depending on our server timing. Please let me know if you need anything else.

ron

Ronald Grayson, M.A., RPA

NEW Email: ronald.i.grayson.civ@army.mil

Archaeologist, Cultural Resources Program Manager Directorate of Public Works Fort Campbell, KY
270-412-8174 (DSN 635-8174)

Fort Campbell Cultural Resources Website:

<https://home.army.mil/campbell/index.php/cultural-resources>

From: Elizabeth Toombs <elizabeth-toombs@cherokee.org>

Sent: Tuesday, September 5, 2023 1:49 PM

To: Grayson, Ronald I CIV USARMY ID-READINESS (USA) <ronald.i.grayson.civ@army.mil>

Subject: [Non-DoD Source] Fort Campbell Multipurpose Training Range

Good Afternoon, Mr. Grayson:

Attached is Cherokee Nation's response to the proposed undertaking. Please let me know if there are any questions or concerns.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer

Cherokee Nation

Tribal Historic Preservation Office

PO Box 948

Tahlequah, OK 74465-0948

918.453.5389

Grayson, Ronald I CIV USARMY ID-READINESS (USA)

From: Elizabeth Toombs <elizabeth-toombs@cherokee.org>
Sent: Monday, September 25, 2023 11:25 AM
To: Grayson, Ronald I CIV USARMY ID-READINESS (USA)
Subject: RE: [Non-DoD Source] FW: <EXTERNAL> [DoD SAFE] GRAYSON.RONALD.IRA has dropped off files for you

Thank you, Mr. Grayson.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer
Cherokee Nation
Tribal Historic Preservation Office
PO Box 948
Tahlequah, OK 74465-0948
918.453.5389

From: Grayson, Ronald I CIV USARMY ID-READINESS (USA) <ronald.i.grayson.civ@army.mil>
Sent: Monday, September 25, 2023 11:07 AM
To: Elizabeth Toombs <elizabeth-toombs@cherokee.org>
Subject: RE: [Non-DoD Source] FW: <EXTERNAL> [DoD SAFE] GRAYSON.RONALD.IRA has dropped off files for you

Elizabeth:

You should received the email notification soon.

Have a great day.

ron

From: Elizabeth Toombs <elizabeth-toombs@cherokee.org>
Sent: Monday, September 25, 2023 10:40 AM
To: Grayson, Ronald I CIV USARMY ID-READINESS (USA) <ronald.i.grayson.civ@army.mil>
Subject: [Non-DoD Source] FW: <EXTERNAL> [DoD SAFE] GRAYSON.RONALD.IRA has dropped off files for you

Good Morning, Mr. Grayson:

Would it be possible to resend the information? I was on travel status and unable to download the materials in time.
Thank you for your understanding.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer
Cherokee Nation
Tribal Historic Preservation Office
PO Box 948
Tahlequah, OK 74465-0948
918.453.5389

From: NoReplyTo@mail.mil <NoReplyTo@mail.mil>

Sent: Wednesday, September 13, 2023 12:26 AM

To: Elizabeth Toombs <elizabeth-toombs@cherokee.org>

Subject: <EXTERNAL> [DoD SAFE] GRAYSON.RONALD.IRA has dropped off files for you

This is an automated message sent to you by the DoD SAFE service.

**This is a reminder about a drop-off sent to you, that no one has picked up.
The drop-off will expire in 24 hours after which it will be automatically deleted.**

GRAYSON.RONALD.IRA <ronald.i.grayson.civ@army.mil> has dropped off 3 files for you.

IF YOU TRUST THE SENDER and are expecting to receive a file from them, you may choose to retrieve the drop-off by clicking the following link (or copying and pasting it into your web browser):

<https://safe.apps.mil/pickup.php?claimID=sHpDYyGpoR7H4APA&recipCode=X2gCpv>

You will be required to enter the claim passcode, which is:

WPFtTSggwZ9QWGi2

You have 24 hours to retrieve the drop-off; after that the link above will expire.

The sender has left you a note:

Reports for Sites in Multi-Purpose Training Range.
40SW0157 – 40SW0159 - O'Malley et al. 1983: 933-935
40SW0571 - Burt 2016: 223-226

Full information about the drop-off:

Claim ID: sHpDYyGpoR7H4APA
Recipient Code: X2gCpv
Claim Passcode: WPFtTSggwZ9QWGi2
Drop-off Submitted: 2023-09-06 13:42:17 UTC
Drop-off Completed: 2023-09-06 13:42:23 UTC

— Sender —

Name: GRAYSON.RONALD.IRA
Organization: USARMY
Email Address: ronald.i.grayson.civ@army.mil

— Files —

Name: PI_01_O'Malley Phase I 1983.pdf
Size: 51.0 MB
SHA-256 Checksum: F25E6226210CF140FF208654E3CC4A027CC57DFE6D96C1A38C1EA531F1765FC4
Content Type: application/pdf

Name: PCI DO 9 Final.pdf
Size: 48.8 MB
SHA-256 Checksum: DD9A8E02728CD733D27EAEBBE0AFA0D9557FFD334BDC5E5D8345037CAE7C5D34
Content Type: application/pdf

Name: PCI DO 9 Volume II Appendix A STP Records.pdf
Size: 2.8 MB
SHA-256 Checksum: 66A7FFB1BDEDB103D5C24C4EF80456F635B85486B46B0CA57E85613B1A763208
Content Type: application/pdf



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Bill Anoatubby, Governor
Chickasaw Nation of Oklahoma
P.O. Box 1548
Ada, OK 74821

Dear Governor Anoatubby:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

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If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Q. Jordan', is positioned above the printed name.

Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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St Chickasaw Nation of Oklahoma

P.O. Box 1548

City Ada, OK 74821



PS Form 3800, April 2015 PSN 7530-02-000-9047

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1. Article Addressed to:

Chickasaw Nation of Oklahoma
ATTN: Mr. Bill Anoatubby, Governor
P.O. Box 1548
Ada, OK 74821



9590 9402 6477 0346 4086 50

2. Article Number (Transfer from service label)

7019 2280 0001 1493 3022

COMPLETE THIS SECTION ON DELIVERY**A. Signature****X***Billy L.*☐ Agent☐ Addressee**B. Received by (Printed Name)***R. H. Myers***C. Date of Delivery***8-1-23***D. Is delivery address different from item 1? ☐ Yes**
If YES, enter delivery address below: ☐ No**3. Service Type**

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August 16, 2023

Mr. Ronald Grayson
Cultural Resources Program Manager
Department of the Army
Headquarters, United States Army Garrison
T39 Indiana Avenue, Suite 223
Fort Campbell, KY 42223-3570

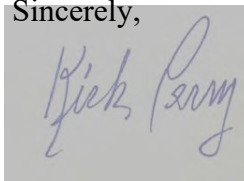
Dear Mr. Grayson:

Thank you for the letter of notification regarding the United States Army's proposed construction of a Multipurpose Training Range located in Stewart County, Tennessee, and Trigg County, Kentucky.

Although the Chickasaw Nation has an interest in Stewart County, Tennessee, and Trigg County, Kentucky, this proposed project is located outside of our specific area of interest; therefore, we do not request government-to-government consultation with the United States Department of the Army. While we have no objection to the undertaking, we respectfully defer to the federally recognized First American tribe(s) who have identified a connection to the project areas.

We appreciate your efforts to preserve and protect significant historic properties. If you have any questions, please contact Ms. Karen Brunso, tribal historic preservation officer, at (580) 272-1106 or by email at hpo@chickasaw.net.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kirk Perry", is placed over a light gray rectangular background.

Kirk Perry, Executive Officer
Division of Historic Preservation

cc: ronald.i.grayson.civ@army.mil



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Jonathan Cernek, Chairman
Coushatta Tribe of Louisiana
P.O. Box 10
Elton, LA 70532

Dear Chairman Cernek:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

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If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,



Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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Street Coushatta Tribe of Louisiana

PO Box 10

City, Elton, LA 70532



PS Form 3800, April 2015 PSN 7530-02-000-9047

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Your item was delivered to an individual at the address at 1:59 pm on August 14, 2023 in ELTON, LA 70532.

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ELTON, LA 70532

August 14, 2023, 1:59 pm

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Richard Sneed, Principal Chief
Eastern Band of Cherokee Indians
P.O. Box 455
Cherokee, NC 28719

Dear Chief Sneed:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

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If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Q. Jordan', with a stylized flourish extending from the bottom right.

Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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Eastern Band of Cherokee Indians
P.O. Box 455
Cherokee, NC 28719



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<p>1. Article Addressed to:</p> <p>Eastern Band of Cherokee Indians ATTN: Mr. Richard Sneed, Principal Chief P.O. Box 455 Cherokee, NC 28719</p>		<p>B. Received by (Printed Name)</p>	<p>C. Date of Delivery</p> <p>7/31/23</p>
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<p>9590 9402 6477 0346 4086 43</p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Ms. Glenna J. Wallace, Chief
Eastern Shawnee Tribe of Oklahoma
12705 S. 705 Road
Wyandotte, OK 74370

Dear Chief Wallace:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

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Sincerely,

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Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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Eastern Shawnee Tribe of Oklahoma
12705 S. 705 Road.
Wyandotte, OK 74370



PS Form 3800, April 2015 PSN 7530-02-000-9047

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1. Article Addressed to:

Eastern Shawnee Tribe of Oklahoma
ATTN: Ms. Glenna J. Wallace, Chief
12705 S. 705 Road.
Wyandotte, OK 74370



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2. Article Number (Transfer from service label)

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Annette Clark

☐ Agent

☐ Addressee

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Annette Clark

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Ms. Glenna J. Wallace, Chief
Eastern Shawnee Tribe of Oklahoma
12705 S. 705 Road
Wyandotte, OK 74370

Dear Chief Wallace:

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If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Q. Jordan', with a stylized flourish extending from the end.

Andrew Q. Jordan
Colonel, U.S. Army
Commanding

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Eastern Shawnee Tribe of Oklahoma
12705 S. 705 Road.
Wyandotte, OK 74370



PS Form 3800, April 2015 PSN 7530-02-000-9047

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1. Article Addressed to:

Eastern Shawnee Tribe of Oklahoma
ATTN: Ms. Glenna J. Wallace, Chief
12705 S. 705 Road.
Wyandotte, OK 74370



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2. Article Number (Transfer from service label)

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Brian Givens, Mekko
Kialegee Tribal Town
P.O. Box 332
Wetumka, OK 74883

Dear Mekko Givens:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

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Sincerely,

A handwritten signature in black ink, appearing to read 'A. Q. Jordan', with a long horizontal flourish extending to the right.

Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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Kialegee Tribal Town
P.O. Box 332
Wetumka, OK 74883



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Kialegee Tribal Town
ATTN: Mr. Brian Givens, Mekko
P.O. Box 332
Wetumka, OK 74883



9590 9402 6477 0346 4086 36

2. Article Number (Transfer from service label)

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COMPLETE THIS SECTION ON DELIVERY**A. Signature**Amber Lawrence ☐ Agent
☐ Addressee**B. Received by (Printed Name)**

Amber Lawrence

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. David Hill, Principal Chief
Muscogee Creek Nation of Oklahoma
P.O. Box 580
Okmulgee, OK 74447

Dear Chief Hill:

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Sincerely,

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Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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1. Article Addressed to:

Muscogee Creek Nation of Oklahoma
ATTN: Mr. David Hill, Principal Chief
P.O. Box 580
Okmulgee, OK 74447



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2. Article Number (Transfer from service label)

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Ms. Stephanie Bryan, Tribal Chair and CEO
Poarch Band of Creek Indians
5811 Jack Springs Road
Atmore, AL 36502

Dear Chair Bryan:

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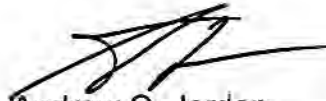
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Colonel, U.S. Army
Commanding

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Se

Str Poarch Band of Creek Indians

5811 Jack Springs Road

City Atmore, AL 36502



PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

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1. Article Addressed to:

Poarch Band of Creek Indians
ATTN: Ms. Stephanie Bryan, Tribal
Chair/CEO
5811 Jack Springs Road
Atmore, AL 36502



9590 9402 6477 0346 4087 80

2. Article Number (Transfer from service label)

7019 2280 0001 1493 2995

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Ben Barnes, Chief
Shawnee Tribe
P.O. Box 189
29 S. Hwy. 69A
Miami, OK 74355

Dear Chief Barnes:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

Due to the project location, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.


Four (4) archaeological sites are located within the project area and have been determined *Not Eligible* for listing on the NRHP under Criteria D by Fort Campbell with concurrence from the TN State Historic Preservation Officer (SHPO). The archaeological sites are described, in detail, in the enclosed documentation. Site specific information, and locational data, is considered highly sensitive and will not be distributed to the public. All site-specific information, and locational data, is included in the consultation portion of this submission only. No sensitive information is included in the draft EA.

If historic properties, or human remains, are encountered during the project, an onsite representative with authority to stop work will ensure all construction activities are halted until proper protocol for inadvertent discoveries are followed.

It is the determination of the U.S. Army and the TN SHPO that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information and provide your concurrence or advise if this project raises any concerns for your Tribe within 30 days of your receipt of this determination. In accordance with 36 CFR § 800.3(c)(4), the U.S. Army will proceed to the next step in review if we do not receive a response from you within 30 days.

If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,



Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

7019 2280 0001 3528 9443

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P.O. Box 189
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to



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1. Article Addressed to:

Shawnee Tribe
 ATTN: Mr. Ben Barnes, Chief
 P.O. Box 189
 29 S. Hwy. 69A
 Miami, OK 74355



9590 9402 6477 0346 4087 11

2. Article Number (Transfer from service label)

7019 2280 0001 3528 9443

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☒ *Abbey Ankenman*

☐ Agent

☒ Addressee

B. Received by (Printed Name)

Abbey Ankenman

C. Date of Delivery

8/3/2023

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PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Ryan Morrow, Mekko
Thlopthlocco Tribal Town
P.O. Box 188
Okemah, OK 74859

Dear Mekko Morrow:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

Due to the project location, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December, 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.


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If historic properties, or human remains, are encountered during the project, an onsite representative with authority to stop work will ensure all construction activities are halted until proper protocol for inadvertent discoveries are followed.

It is the determination of the U.S. Army and the TN SHPO that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information and provide your concurrence or advise if this project raises any concerns for your Tribe within 30 days of your receipt of this determination. In accordance with 36 CFR § 800.3(c)(4), the U.S. Army will proceed to the next step in review if we do not receive a response from you within 30 days.

If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

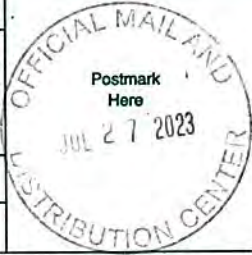


Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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Se: Thlopthlocco Tribal Town	
Stn: P.O. Box 188	
City: Okemah, OK 74859	
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1. Article Addressed to:

Thlopthlocco Tribal Town
ATTN: Mr. Ryan Morrow, Mekko
P.O. Box 188
Okemah, OK 74859



9590 9402 6477 0346 4087 28

2. Article Number (Transfer from service label)

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☐ Agent☐ Addressee**B. Received by (Printed Name)**

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

July 25, 2023

Office of the Garrison Commander

Mr. Joe Bunch, Chief
United Keetoowah Band
P.O. Box 746
Tahlequah, OK 74465

Dear Chief Bunch:

The U.S. Army proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee and Trigg County, Kentucky. A draft Environmental Assessment (EA) was completed to assess all potential environmental effects resulting from the implementation of the proposed action. A copy of the draft EA is included with this submission.

Due to the project location, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December, 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.

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If historic properties, or human remains, are encountered during the project, an onsite representative with authority to stop work will ensure all construction activities are halted until proper protocol for inadvertent discoveries are followed.

It is the determination of the U.S. Army and the TN SHPO that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information and provide your concurrence or advise if this project raises any concerns for your Tribe within 30 days of your receipt of this determination. In accordance with 36 CFR § 800.3(c)(4), the U.S. Army will proceed to the next step in review if we do not receive a response from you within 30 days.

If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. Jordan', is positioned above the printed name.

Andrew Q. Jordan
Colonel, U.S. Army
Commanding

Enclosure

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P.O. Box 746
Tahlequah, OK 74464



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1. Article Addressed to:

United Keetoowah Band
ATTN: Mr. Joe Bunch, Chief
P.O. Box 746
Tahlequah, OK 74464



9590 9402 6477 0346 4087 73

2. Article Number (Transfer from service label)

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UKB Lighthouse☐ Addressee**B. Received by (Printed Name)****C. Date of Delivery**

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DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

February 23, 2022

Directorate of Public Works

Mr. Craig A. Potts
Kentucky Heritage Council
State Historic Preservation Office
300 Washington Street
Frankfurt, Kentucky 40601

Dear Mr. Potts:

Fort Campbell proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee, and Trigg County, Kentucky, within the South Impact Area.

Due to the project location within the South Impact Area and Range 28, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December, 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects for an undertaking. Four (4) archaeological sites are located within the project area. Three (3) sites have previously been determined *Not Eligible* for listing on the NRHP under Criteria D by Fort Campbell with concurrence from the TN SHPO. One (1) site had been determined *Potentially Eligible* for listing on the NRHP under Criteria D by Fort Campbell with concurrence from the TN SHPO. After additional fieldwork, site 40SW0158 was shown to be destroyed by road construction and determined *Not Eligible* for listing on the NRHP. The undertaking will have zero (0) visual impacts. All construction activities will be limited to areas that have been previously disturbed by Range construction.

It is the determination of Fort Campbell that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information supporting that determination and advise whether you concur with the determination. If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or by telephone 270-412-8174.

Sincerely,

Jeffery J. Atkins, PE
Chief, DPW Environmental Division

Enclosure: Undertaking Information and Analysis: FY24 Multipurpose Training Range.



ANDY BESHEAR
GOVERNOR

TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL
THE STATE HISTORIC PRESERVATION OFFICE

MICHAEL E. BERRY
SECRETARY

JACQUELINE COLEMAN
LT. GOVERNOR

410 HIGH STREET
FRANKFORT, KENTUCKY 40601
(502) 564-7005
www.heritage.ky.gov

CRAIG A. POTTS
EXECUTIVE DIRECTOR &
STATE HISTORIC
PRESERVATION OFFICER

March 22, 2022

Mr. Ronald Grayson
Cultural Resources Program Manager
Department of the Army
Headquarters, U.S. Army Garrison, Fort Campbell
T39 Indiana Avenue, Suite 223
Fort Campbell, Kentucky 42223
Via Email: ronald.i.grayson.civ@army.mil

Re: FY24 Multipurpose Training Range
Record of Environmental Consideration: 21-095

Dear Mr. Grayson,

Thank you for your letter and documentation concerning the above-referenced project. We understand Fort Campbell proposes to construct a Multipurpose Training Range within the existing Range 28 within the South Impact Area, in Stewart County, Tennessee and Trigg County, Kentucky. Due to its proposed location, the proposed project must be reviewed under the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee Regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell Kentucky* (OPS PA). We submit the following comments regarding the portion of the project area that falls within the Commonwealth of Kentucky (KY).

The entirety of the project area within KY falls within the Impact Area, and is considered exempt from archaeological inventory per the OPS PA.

Due to resources identified within the area of potential effect (APE) but outside of KY, Fort Campbell has determined that the undertaking will have No Adverse Effect to Historic Properties. In an email dated March 22, 2022, Ronald Grayson of Fort Campbell indicated that a finding of No Effect to Historic Properties would be appropriate for the portion of the APE that falls within KY. We concur with the determination of *No Historic Properties Affected* for the undertaking for the portion of the APE within KY.

In the event of the unanticipated discovery of an archaeological site or object of antiquity, the discovery should be reported to the Kentucky Heritage Council. If human remains are encountered during project activities, all work should be immediately stopped in the area. The area should be cordoned off and the county coroner and



An Equal Opportunity Employer

Re: FY24 Multipurpose Training Range
Record of Environmental Consideration: 21-095

local law enforcement must be contacted immediately. Upon confirmation that the human remains are not of forensic interest, the unanticipated discovery must be reported to the Kentucky Heritage Council.

Should the project plans change, or should additional information become available regarding cultural resources or citizens' concerns regarding impacts to cultural resources, please submit that information to our office as additional consultation may be warranted. Should you have any questions, please contact Nicole Konkol of my staff at Nicole.Konkol@ky.gov

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Potts', written over the printed name.

Craig A. Potts,
Executive Director and
State Historic Preservation Officer

KHC # 64821
CP/PEH



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
T39 INDIANA AVENUE, SUITE 223
FORT CAMPBELL KY 42223-3570

February 24, 2022

Directorate of Public Works

Mr. E. Patrick McIntyre Jr., Executive Director and SHPO
Tennessee Historic Commission
Clover Bottom Mansion
2941 Lebanon Road
Nashville, Tennessee 37243-0041

Dear Mr. McIntyre:

Fort Campbell proposes to construct a Multipurpose Training Range. The proposed project area is located within existing Range 28 in Stewart County, Tennessee, and Trigg County, Kentucky, within the South Impact Area.

Due to the project location within the South Impact Area and Range 28, the proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December, 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects for an undertaking. Four (4) archaeological sites are located within the project area. Three (3) sites have previously been determined *Not Eligible* for listing on the NRHP under Criteria D by Fort Campbell with concurrence from the TN SHPO. One (1) site had been determined *Potentially Eligible* for listing on the NRHP under Criteria D by Fort Campbell with concurrence from the TN SHPO. After additional fieldwork, site 40SW0158 was shown to be destroyed by road construction and determined *Not Eligible* for listing on the NRHP. The undertaking will have zero (0) visual impacts. All construction activities will be limited to areas that have been previously disturbed by Range construction.

It is the determination of Fort Campbell that the proposed undertaking will have *No Adverse Effect to Historic Properties*. Please review the enclosed information supporting that determination and advise whether you concur with the determination. If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or by telephone 270-412-8174.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeffrey L. Atkins", is written over a horizontal line.

Jeffrey L. Atkins, PE
Chief, DPW Environmental Division

Enclosure: Undertaking Information and Analysis: FY24 Multipurpose Training Range.



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON PIKE
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

March 2, 2022

Mr. Jeffrey J. Atkins
Department of the Army, Installation Management Command, Atlantic Region
Headquarters, United States Army Garrison, Ft. Campbell
39 Normandy Boulevard
Ft. Campbell, KY 42223-5617

RE: DOD / Department of Defense, Multipurpose Training Range within Existing Range 28, Ft. Campbell, Stewart County, TN

Dear Mr. Atkins:

In response to your request, we have reviewed the documents you submitted regarding your proposed undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicant for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739).

After considering the documentation submitted, we concur with your agency that site 40SW128 is not eligible for inclusion in the National Register of Historic Places. We further concur that there are no National Register of Historic Places listed or eligible properties affected by this undertaking. We have made this determination because either: no National Register listed or eligible Historic Properties exist within the undertaking's area of potential effects, the specific location, size, scope and/or nature of the undertaking and its area of potential effects precluded affects to Historic Properties, the undertaking will not alter any characteristics of an identified eligible or listed Historic Property that qualify the property for listing in the National Register, or it will not alter an eligible Historic Property's location, setting or use. We have no objections to your proceeding with your undertaking.

If your agency proposes any modifications in current project plans or discovers any archaeological remains during the ground disturbance or construction phase, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act. You may direct questions or comments to ((615) 687-4780, Jennifer.Barnett@tn.gov). This office appreciates your cooperation.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer

EPM/jmb



DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY GARRISON, FORT CAMPBELL
DIRECTORATE OF PUBLIC WORKS
3709 POLK RD, SUITE A
FORT CAMPBELL KY 42223-5617

June 14, 2023

Directorate of Public Works

Mr. E. Patrick McIntyre, Jr., Executive Director
Tennessee Historical Commission
Clover Bottom Mansion
2941 Lebanon Road
Nashville, Tennessee 37243-0442

Dear Mr. McIntyre:

Fort Campbell proposes a new dirt staging area located within Training Area 35 on the Fort Campbell Military Installation in Stewart County, Tennessee. The dirt staging area will support the rebuild of the Multipurpose Training Range (MPTR).

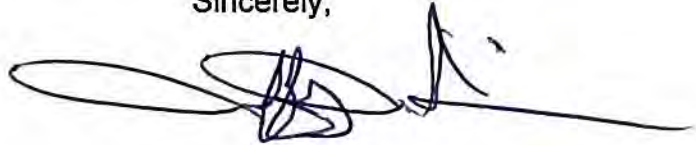
The proposed undertaking must be reviewed in accordance with the *Programmatic Agreement Among the United States Army, The State Historic Preservation Officer of Kentucky and the State Historic Preservation Officer of Tennessee regarding the Operation, Maintenance, and Development of The Fort Campbell Army Installation at Fort Campbell, Kentucky* (Effective as amended December, 2021) (OPS PA). In accordance with stipulation C.2.b of the agreement, a formal consultation is required when undertakings are performed if properties needing evaluation are present in areas of potential effects (APE) for an undertaking.

A Phase I Archaeological Survey of the APE was completed by North Wind Resource Consulting in March of 2021; the report on this work has not been finalized and is considered *in process* by Fort Campbell. Fort Campbell has determined that, in accordance with the National Historic Preservation Act (NHPA) regulation 36 CFR 800.4, the survey was a reasonable and good faith effort to identify historic properties in the areas investigated. The TN SHPO has not concurred with this finding as of the writing of this consultation. Fort Campbell presents the shovel testing methodology used by North Wind and their results within the APE to support the negative finding. No artifacts or historic features were identified by shovel testing within the APE for this undertaking.

It is the determination of Fort Campbell that the proposed dirt staging area undertaking will have *No Adverse Effect* to Historic Properties. Please review the enclosed information supporting that determination and advise whether you concur

with the determination. If you have any further questions regarding this matter, please contact Mr. Ronald Grayson, Cultural Resources Program Manager at ronald.i.grayson.civ@army.mil, or by telephone 270-412-8174.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Atkins', with a long horizontal line extending to the right.

Jeffrey J. Atkins, P.E.
Chief, DPW Environmental Division

Enclosure



TENNESSEE HISTORICAL COMMISSION
STATE HISTORIC PRESERVATION OFFICE
2941 LEBANON PIKE
NASHVILLE, TENNESSEE 37243-0442
OFFICE: (615) 532-1550
www.tnhistoricalcommission.org

2023-06-14 16:03:18 CDT

Mr. Ronald Grayson
Us Army, Fort Campbell
ronald.i.grayson.civ@army.mil

RE: Department of Defense (DOD), Multipurpose Training Range within Existing Range 28, Project#: SHPO0003318, Ft. Campbell, Stewart County, TN

Dear Mr. Ronald Grayson:

In response to your request, we have reviewed the cultural resources survey report and accompanying documentation submitted by you regarding the above-referenced undertaking. Our review of and comment on your proposed undertaking are among the requirements of Section 106 of the National Historic Preservation Act. This Act requires federal agencies or applicants for federal assistance to consult with the appropriate State Historic Preservation Office before they carry out their proposed undertakings. The Advisory Council on Historic Preservation has codified procedures for carrying out Section 106 review in 36 CFR 800 (Federal Register, December 12, 2000, 77698-77739).

Considering the information provided, we find that no historic properties eligible for listing in the National Register of Historic Places will be affected by this undertaking. For future submissions, if you are stating that there will "no adverse effect," please state what historic resource(s) will not be adversely affected.

If project plans are changed or archaeological remains are discovered during project construction, please contact this office to determine what further action, if any, will be necessary to comply with Section 106 of the National Historic Preservation Act. Please provide your Project # when submitting any additional information regarding this undertaking. Questions or comments may be directed to Casey Lee, who drafted this response, at Casey.Lee@tn.gov, +16152533163.

Sincerely,

E. Patrick McIntyre, Jr.
Executive Director and
State Historic Preservation Officer
Ref:MSG8668316_107VBSYYGsPkqzwcVcFP

MPTR EA: Correspondence Tracking
Ronald Grayson, Fort Campbell Cultural Resources Program Manager
November 8, 2023

12 Letters sent out:
12 Federally Recognized Native American Tribes
2 State Historic Preservation Offices

Responses from Two Tribes:

Chickasaw Nation of Oklahoma stated the APE was out of there area of interest and had no concerns.

Cherokee Nation of Oklahoma requested additional information on other historic preservation offices contacted and information about archaeological sites in the APE. No response received after sending additional information

SHPOs: Tennessee and Kentucky both concurred with *No Historic Properties Effected* determination.

Absentee Shawnee Tribe of Oklahoma

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (D. Frazier)

Response Received: **None**. Return Receipt dated August 1, 2023.

Cherokee Nation of Oklahoma

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (E. Toombs)

Response Received:

- September 5, 2023: email exchange between R. Grayson (Fort Campbell Tribal Liaison) and E. Toombs (Cherokee Nation THPO). Cherokee requested additional information on other historic preservation offices contacted and information about archaeological sites in the APE. Information sent via email and DoD SAFE download link on same day, September 5, 2023.
- September 18, 2023: Email from R. Grayson to E. Toombs requested any additional comments on EA.
- September 25, 2023: email exchange between R. Grayson (Fort Campbell Tribal Liaison) and E. Toombs (Cherokee Nation THPO). Did not download from DoD SAFE before the link expired, requested new link. Link set up and downloaded same day, September 25, 2023.
- No Additional Response received by November 8, 2023.

Chickasaw Nation of Oklahoma

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (106 email)

Response Received via email letter August 16, 2023: The APE was out of there area of interest and had no concerns.

Coushatta Tribe of Louisiana

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (K. Poncho)

Response Received: **None**. Return Receipt Dated August 14, 2023

Eastern band of Cherokee Indians

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (S. Yerka)

Response Received: **None**. Return Receipt dated July 31, 2023.

Eastern Shawnee Tribe of Oklahoma

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (106 email)

Response Received: **None**. Return Receipt dated July 31, 2023.

Kialegee Tribal Town

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (D. Cook)

Response Received: **None**. Return Receipt dated July 31, 2023.

Muscogee Creek Nation of Oklahoma

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (106 email)

Response Received: **None**. Return Receipt dated July 31, 2023.

Poarch Band of Creek Indians

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (L. Haikey)

Response Received: **None**. Return Receipt dated July 31, 2023.

Shawnee Tribe

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (T. Tipton)

Response Received: **None**. Return Receipt dated August 3, 2023.

Thlopthlocco Tribal Town

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (D. Frank)

Response Received: **None**. Return Receipt dated July 31, 2023.

United Keetoowah Band

Hard copy Mail: July 27, 2023

Email cover sheet and PDF of EA: July 27, 2023 (A. Watt)

Response Received: **None**. Return Receipt dated August 2, 2023.

Kentucky SHPO: Consultation on Undertaking prior to EA completion.

- Email cover sheet and consultation package: February 23, 2022 (N. Konkol)
- Hard copy Mail: None per state SOP.
- Response Received, March 22, 2022, concurred with determination of *No Historic Properties Effected* on Kentucky portion of the APE.

Tennessee SHPO: Consultation on Undertaking prior to EA completion.

- Email cover sheet and consultation package: February 24, 2022 (N. Konkol)
- Hard copy Mail: none per state SOP.
- Response Received, March 22, 2022, concurred with determination of *No Historic Properties Effected* on Tennessee portion of the APE.
- Addendum Consultation including new soil staging area sent: June 14, 2023.
- Response Received June 14, 2023, concurred with determination of *No Historic Properties Effected* on Tennessee portion of the APE.