

DRAFT

ENVIRONMENTAL ASSESSMENT

**FOR
THE PROPOSED CONSTRUCTION AND OPERATION OF A
NEW READINESS CENTER**

**AT THE
OFFUTT AIR FORCE BASE
BELLEVUE, SARPY COUNTY, NE**



**AIR FORCE – AIR COMBAT COMMAND
NEBRASKA ARMY NATIONAL GUARD**

**OFFUTT AIR FORCE BASE
BELLEVUE, NE 68123**

**CONTRACT # W91278-12-D-0022; DELIVERY ORDER # 0006
MILITARY CONSTRUCTION PROJECT No. 310102**

FEBRUARY 2019



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ENVIRONMENTAL ASSESSMENT ORGANIZATION

The United States Air Force (USAF) is the lead agency for the development of this Environmental Assessment (EA) and the Nebraska Army National Guard (NEARNG) is the proponent for the Proposed Action to construct a Readiness Center (RC) on a 41-acre parcel of land located on the Offutt Air Force Base (OAFB). This EA evaluates the potential environmental, socioeconomic, and cultural effects of the proposed construction and operation of a RC on OAFB near Bellevue, Nebraska. The USAF would permit the 41-acre property to the United States Army Corp of Engineers (USACE), which would then license the property to the State of Nebraska for use by the NEARNG.

As required by the National Environmental Policy Act (NEPA) of 1969 (42 USC 4321 et seq.), Council on Environmental Quality (CEQ) Regulations Implementing the Procedural Provisions of NEPA (40 CFR 1500-1508), the potential effects of the Proposed Action and Alternatives must be in compliance with Air Force NEPA guidance [32 Code of Federal Regulations (CFR) 989, Environmental Impact Analysis Process (EIAP)] and Army NEPA guidance [32 CFR Part 651, (Environmental Analysis of Army Actions, Final Rule, 29 March 2002)]. The Nebraska Army National Guard (NEARNG) is the proponent for the Proposed Action to be sited on OAFB. OAFB is an Air Combat Command (ACC) Installation; therefore, the Secretary of the Air Force (SecAF) is the decision-maker. The signatory authority for this EA is the ACC/Civil Engineer Division (A4C) of the USAF. The Army National Guard, Chief, Installations and Environment, (ARNG-I&E), maintains the ARNG signature authority for ARNG NEPA actions. The Chief, ARNG-I&E will co-sign this EA's decision document. This EA will facilitate the decision-making process for this Proposed Action and its considered alternatives, and is organized as follows:

EXECUTIVE SUMMARY: Describes the Proposed Action and considered alternatives including the No Action Alternative and Alternatives Eliminated from Further Consideration; summarizes environmental, cultural, and socioeconomic consequences; and compares potential effects associated with the three considered alternatives.

SECTION 1 PURPOSE AND NEED FOR THE PROPOSED ACTION: summarizes the purpose and need for the Proposed Action, provides relevant background information, and describes the scope of the EA.

SECTION 2 DESCRIPTION OF THE PROPOSED ACTION: describes the Proposed Action, including pertinent details of facilities construction and establishment of necessary infrastructure. **ALTERNATIVES CONSIDERED:** examines alternatives for implementing the Proposed Action, including applied selection standards, alternatives retained for further analysis, and alternatives eliminated, as well as a brief explanation of the rationale for eliminating certain alternatives.

SECTION 3 AFFECTED ENVIRONMENT: describes the existing environment, socioeconomic, and cultural setting for each location considered.

SECTION 4 ENVIRONMENTAL CONSEQUENCES: identifies potential environmental, socioeconomic, and cultural effects of implementing the Proposed Action, other alternatives carried forward for analysis, and the No Action alternative. This section also identifies best management practices, as and where appropriate.

SECTION 5 COMPARISON OF ALTERNATIVES AND CONCLUSIONS: compares the potential effects of the Proposed Alternative, other alternatives carried forward for analysis, and the No Action alternative. This section summarizes the potential significance of individual and expected cumulative effects for each of the alternatives.

SECTION 6 REFERENCES: provides bibliographic information for cited sources.

SECTION 7 LIST OF PREPARERS: identifies document preparers and their areas of expertise.

46 SECTION 8 AGENCIES AND INDIVIDUALS CONSULTED: lists agencies and individuals consulted
47 during preparation of this EA.

48 APPENDICES

49 A Environmental Laws Relevant to the Proposed Action

50 B Agency Correspondence

51 C Air Conformity Applicability Model (ACAM) Analysis

ENVIRONMENTAL ASSESSMENT SIGNATURE PAGE

52

53 Lead Agency: United States Air Force

54 Title of Proposed Action: The Proposed Construction and Operation of a New Readiness Center at
55 the Offutt Air Force Base

56 Affected Jurisdiction: Offutt Air Force Base

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64 Document Designation: Final Environmental Assessment

65

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66 ABSTRACT: The NEARNG is the proponent of a proposed RC, which would be located on a 41-acre
 67 parcel of land located at OAFB, a USAF property, near Bellevue, Nebraska to provide all necessary
 68 facilities required for administrative and logistical support of assigned personnel. The USAF is the lead
 69 agency for this EA, which addresses the potential environmental, socioeconomic, and cultural impacts
 70 of this proposal and its alternatives. The Proposed Action is necessary to support the NEARNG Federal
 71 and State missions. The RC would provide necessary facilities required for administrative and logistical
 72 support for approximately 386 part-time individuals as well as 38 full-time personnel.

73 This EA evaluates the individual and cumulative effects of the Proposed Action (construction and
 74 operation of the Bellevue RC) and the No Action Alternative with respect to the following criteria: land
 75 use and cover; air quality; noise; geology, topography and soils; water resources; biological resources;
 76 cultural resources; public and occupational health; socioeconomics; infrastructure; and hazardous and
 77 toxic materials and waste..

78 The evaluation performed in this EA concludes that there would be no significant adverse impact, either
 79 individually or cumulatively, to the local environment or quality of life associated with the implementation
 80 of the Proposed Action.

Executive Summary

This Environmental Assessment (EA) evaluates the proposed Readiness Center (RC) on Offutt Air Force Base (OAFB) near Bellevue, Nebraska (Army National Guard Military Construction Project No. 310102). This proposed RC is referred to as the Bellevue RC. The USAF is the lead agency of this EA and the NEARNG is the proponent for the proposed RC that would be constructed and operated on a 41-acre parcel of USAF property. The USAF would permit the 41-acre property to the United States Army Corp of Engineers (USACE), which would then license the property to the State of Nebraska for use by the NEARNG. This EA has been prepared under the provisions of, and in accordance with the National Environmental Policy Act (NEPA) of 1969 (42 United States Code [USC] 4321 et seq.); the Council on Environmental Quality (CEQ) Regulations Implementing the Procedural Provisions of NEPA (40 Code of Federal Regulations [CFR] Parts 1500-1508); 32 CFR 651 (Environmental Analysis of Army Actions, Final Rule, 29 March 2002); and 32 CFR 989, which implements the USAF Environmental Impact Analysis Process (EIAP). This EA will facilitate the decision-making process regarding the Proposed Action and its alternatives.

Proposed Action

The Proposed Action includes the construction and operation of a RC on OAFB near Bellevue, Nebraska to replace existing facilities that are outdated and do not meet the current needs and standards of the NEARNG. Funding for construction of the RC is anticipated in fiscal year 2020. The proposed project area would be on OAFB, an active USAF installation. The 41-acre parcel at OAFB for the Proposed Action would be permitted by the USAF to the USACE. The USACE would then license the property to the State of Nebraska for use by the NEARNG. The proposed location would be near major road networks, a major metropolitan area (Omaha), the City of Bellevue, associated with an USAF base, and would be close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

Total land disturbance for the Bellevue RC and associated facilities would be approximately 20.4 acres, with 11.0 acres associated with permanent disturbance and approximately 9.4 acres of short-term disturbance associated with construction activities (utility corridor, etc.). Construction activities would include land clearing, road building, fencing, general site improvements, and utility line modifications and extensions to serve the project area. Buildings and other facilities associated with the Proposed Action at OAFB would include: a RC, backup/emergency generator, visitor and organizational vehicle parking (paved), controlled waste facility, flammable materials facility, and refuse collection facility.

Purpose and Need

The purpose of the Proposed Action is to meet company-sized facility requirements of the NEARNG, in accordance with National Guard Regulation (NGR) 415-12 (National Guard Bureau, 2015). These requirements include new staging, administration, logistical, training, classroom training, and maintenance areas that would accommodate the current and future force structure of the NEARNG.

The Proposed Action is needed to: replace current facilities that were constructed in 1960 and 1961 and do not meet the National Guard (NG) standards including National Guard Pamphlet 415-12 "Army National Guard Facilities Allowances" (NG Pam 415-12) criteria; Installation Status Report (ISR) Mission and Quality; current code requirements; Americans with Disabilities Act (ADA); and Antiterrorism Force Protection (ATFP). The Proposed Action would replace current RC facilities that lack adequate space for training, administration, supply room, kitchen, toilets/showers, physical fitness, locker rooms, private owned vehicle parking, military parking and unheated storage. The Proposed Action would ensure the continued and long-term viability of the RC as a multiple use center capable of providing the land and resources necessary to support the NEARNG's and other military users assigned training and support missions.

Alternatives

Reasonable alternatives were explored and evaluated as required by NEPA. Alternatives that are eliminated from detailed study must be identified along with a brief discussion of the reasons for eliminating them. For purposes of analysis, an alternative was considered “reasonable” only if it would enable the NEARNG to accomplish the primary mission of providing facilities and resources to meet the purpose of and need for the Proposed Action. “Unreasonable” alternatives would not enable the NEARNG to meet the purpose of and need for the Proposed Action.

The following selection standards were used to determine reasonable alternatives:

- **Standard 1: Company-sized facility requirements.** The purpose of the Proposed Action is to meet company-sized facility requirements of the NEARNG, in accordance with NGR 415-12 (National Guard Bureau, 2015). The proposed RC must be a minimum of 126,500 sq. ft for adequate space for training, administration, supply room, kitchen, toilets/showers, physical fitness, locker rooms, private owned vehicle parking, military parking and unheated storage. These requirements include space for staging, administration, logistics, training, and maintenance that would accommodate the current and future force structure of the NEARNG.
- **Standard 2: Fulfill Units’ readiness and missions per the Department of the Army (DA) Modification Table of Organization and Equipment (MTOE) direction.** Facility must meet DA directed MTOE changes including consolidating the 386 soldiers from multiple units (**Table ES-1**) and fulfilling their missions and space requirements.
- **Standard 3: Department of Defense (DoD) Unified Facilities Code.** The Proposed Action includes a RC designed for a minimum life of 50 years with energy efficiencies, building envelope and integrated building systems performance as per Assistant Secretary of the Army (ASA) for Installations, Energy and Environment (IE&E) Sustainable Design and Development Policy Update Dec 2013.
- **Standard 4: Meet National Guard Bureau (NGB) standards and code requirements.** Replace current facilities that do not meet NGB standards and NG Pam 415-12 criteria; ISR Mission and Quality; Built on Federal land; ADA and ATFP
- **Standard 5: Be compatible with Installation Development Plan.** Be compatible with the goals and objectives and the USAF’s Installation Development Plan pages 9-1, 9-2, 9-16, and 9-17.
- **Standard 6: Location.** Provide a RC in location to serve as a multiple use center for NEARNG and other military users, if necessary, as well as in an area with community support.

Table ES-1: Proposed units that would be consolidated at one location.

Unit Identification Code	Unit	Unit Abbreviation
WP3WAA	195th Forward Support Company	195th Forward Support Co
WX2ZAA	623rd Engineering Company	623rd Eng. Co
WPPZAA	Military Police Company	MP Co
WPV7A2	189 th Transportation Company, Detachment 2	189 th Det. 2 Trans Co
W7MKAA	72nd Civil Support Team	72nd CST
WPV799	189 th Transport Company Augmentation TDA	189 th AUG TDA TC Co
	189 th Transportation Company	189 th Trans Co

Along with the selection standards above, the NEARNG developed and applied the following siting criteria to evaluate possible alternatives for the Proposed Action. The NEARNG identified that a suitable site would meet the majority, if not all, of the following criteria:

1. Be located within an existing NEARNG owned or controlled facility to avoid land acquisition costs.
2. Have a sufficient amount of land, preferably previously disturbed or cleared, to accommodate the required facilities.
3. Ensure the new facility is in a location where the proposed structures may be built in compliance with NG Pam 415-12 criteria, ISR Mission and Quality, current code requirements, ADA, and ATFP.
4. Create a facility that has an efficient utility system to lower monthly operational costs.
5. Be proximate to existing, related facilities within the installation, including the roadway network and buildings (i.e., logistical considerations).
6. Have reasonable access to necessary utility connections.
7. Be within areas with few existing known environmental constraints (i.e., notably wetlands and other waters, wooded areas, endangered or threatened species habitat, or cultural resources).
8. Be compatible with other current and approved future land uses within the installation and the surrounding area.
9. Be located at a site where new noise impacts to surrounding communities are minimized or avoided (e.g., residences).
10. Be compatible with the goals and objectives of the USAF's Installation Development Plan pages 9-1, 9-2, 9-16, and 9-17.
11. Ensure no net loss in the capacity of the NEARNG or the installation to support the military mission and conduct training operations.
12. Have the support of the local community.
13. Deemed feasible option through economic analysis of alternatives for project development.

Numerous alternatives were identified during the initial stages of the project including the following:

- ▶ Rehabilitation of the Wahoo and Nebraska City RCs (both over 50 years old);
- ▶ New RC at or near the Mead-Yutan RC location; and
- ▶ Three sites on the OAFB,

One of the three sites on the OAFB, which is the preferred alternative for the Proposed Action, was the only alternative that met all or most of the defined selection standards and siting criteria. The other alternatives and sites were evaluated, but did not meet the selection standards or siting criteria, thus were not carried forward for further consideration or analysis in this EA.

Affected Environment

The 41-acre proposed area would be on OAFB near Bellevue, Sarpy County in eastern Nebraska (**Table ES-2**). It would be located on the western side of OAFB outside of the secured portion of the base. The location is approximately 4.5 miles north of the Platte River, and 0.2 miles west of Papillion Creek. The Willow Lakes Golf Course is adjacent to the east and north of the proposed site. The Fort Crook Elementary School is located to the southwest of the proposed site. South 25th Street is located to the west with a residential area situated farther west of the street. Undeveloped land that was previously a housing development is located to the south of the proposed site with Capehart Road beyond the former housing development. Current airport facilities including the active runway, hangars, terminal, and other functions, are located to the east. The topography is relatively flat across the subject property, except on the east side where the land slopes down towards the adjacent Willow Lakes Golf Course.

Environmental Consequences

The Proposed Action was evaluated to determine its potential direct or indirect impact(s) on the physical, environmental, cultural, and socioeconomic aspects of the surrounding area. Technical areas evaluated include: land use and cover; air quality; noise; geology, topography and soils; water resources; biological resources; cultural resources; public and occupational health; socioeconomic; infrastructure; and hazardous and toxic materials and waste. The Proposed Action Alternative and No Action Alternative would result in the impacts identified in **Section 4** and summarized in **Table ES-2**.

Table ES-2: Summary of Environmental Consequences

Technical Resource Area	Proposed Action Alternative – OAFB / Bellevue, NE	No Action Alternative
Land Use and Land Cover	<u>Short-term and long-term, less-than-significant adverse effects to land cover are anticipated.</u> NEARNG would minimize clearing and earthwork to the maximum extent possible to minimize disturbance and associated construction costs. <u>Short and long-term land use would change from the current use as undeveloped land to use by the NEARNG for training and other administrative activities associated with the NEARNG.</u> The proposed location was previously an OAFB housing development that has been demolished and reclaimed.	No impact attributable to the NEARNG action.
Air Quality	<u>Short-term, less-than-significant adverse impacts due to the potential for dust generation from construction activities and emissions from equipment during construction.</u> <u>Long-term less-than-significant adverse impact to local air quality would result from increased training site use, use of natural gas for heating, and an increase in the number of vehicles.</u> There may be minor changes to local emissions due to increased traffic but would result in no net change as NEARNG emissions would be eliminated at the existing facility.	No impact attributable to the NEARNG action. Ongoing operations' emissions would continue at other RC locations.
Noise	<u>Short-term, less-than-significant adverse impacts due to the potential for noise generation from construction activities and the proximity of sensitive receptors.</u> <u>Long-term, less-than-significant adverse impacts due to increased noise levels associated with traffic and training site usage.</u>	No impact attributable to the NEARNG action. Ongoing noise associated with current training operations at other RC locations would continue.
Topography, Geology, Soils, and Prime Farmland	<u>No effects to topography or geology would be expected.</u> <u>Short-term, less-than-significant adverse impacts would occur to soils including the loss of 0.3 acres of prime farmland during land disturbing activities.</u> Construction would result in the potential to increase soils erosion within the Proposed Action area. <u>Long-term, less-than-significant impacts would occur to soils and prime farmland due to structures built on 7.2 acres previously disturbed land as part of an OAFB housing development that was demolished in 2014.</u> These less-than-significant impacts would be managed with implementation of Best Management Practices (BMP).	No impact attributable to the NEARNG action.

Technical Resource Area	Proposed Action Alternative – OAFB / Bellevue, NE	No Action Alternative
Water Resources (Including Surface and Groundwater, Floodplains, and Wetlands)	<u>Short-term and long-term less-than-significant adverse</u> impacts to surface water due to increased runoff. <u>Short-term and long-term less-than-significant adverse</u> impacts to groundwater due to reduced infiltration and aquifer recharge. <u>No impact</u> is anticipated to floodplains. <u>No impact</u> to wetlands as there are none in the project area.	No impact attributable to the NEARNG action.
Biological Resources (Including Vegetation, Wildlife and Migratory Birds, Threatened and Endangered Species)	<u>Short-term, less-than-significant adverse</u> impact to biological resources from construction noise and vegetation removal. <u>Long-term, less-than-significant adverse</u> impacts due to elimination of vegetation and wildlife habitat, which would be minor on a regional and local scale. Potential <u>less-than-significant adverse</u> impact to the federally listed northern long-eared bat as a result of tree removal that could provide roosting habitat. To minimize any impact, tree removal for the project would occur during winter months when bats are not present.	No impact attributable to the NEARNG action.
Cultural Resources	<u>No effect</u> to cultural resources are anticipated as a result of the Proposed Action, as the area was previously disturbed by an OAFB housing development that was demolished in 2014. If a discovery of cultural resources is made during ground disturbing activities, construction would be halted, and the OAFB Cultural Resources Manager and State Historic Preservation Office (SHPO) would be contacted. Construction would restart in that area only after approval from the OAFB and SHPO.	No impact attributable to the NEARNG action.
Public and Occupational Health	No effects to public and occupational health are expected as a result of the Proposed Action. Significant impacts to public and occupational health and safety resources would occur if the Proposed Action caused an unsafe work environment or violated National Fire Protection Association (NFPA) Standard 1500.	No impact attributable to the NEARNG action.
Socioeconomics	<u>Short-term, less-than-significant positive</u> impacts to the socioeconomic environment during construction. <u>Long-term, less-than-significant positive</u> impacts to the socioeconomic environment due to increased economic benefit to community.	No impact attributable to the NEARNG action.
Infrastructure	<u>Short-term and long-term, less-than-significant</u> impacts are anticipated due to construction traffic and increased site usage. <u>Potential less-than-significant adverse</u> impact to utility consumption from increased training site use and utility extensions. Impacts would be managed with implementation of BMPs. Construction of a state of the art facility would be more energy efficient, thus using less energy than the current facilities that are being replaced.	No impact attributable to the NEARNG action. Utility usage would continue as under current conditions.
Hazardous and Toxic Materials and Wastes	<u>No impacts in the short-term. Long-term, potential less-than-significant adverse</u> impacts due to storage of fuel, cleaning supplies, and other chemicals in flammable and controlled waste facilities. Impacts would be	No impact attributable to the NEARNG action.

Technical Resource Area	Proposed Action Alternative – OAFB / Bellevue, NE	No Action Alternative
	controlled through BMP and ongoing regulatory compliance.	

Mitigation Measures and Best Management Practices

Mitigation measures are defined as project specific requirements, not routinely implemented by the NEARNG, that would be necessary to reduce identified potentially significant adverse environmental impacts to less-than-significant levels. Best Management Practices (BMPs) are measures, methods, and practices that assist resource managers in accomplishing goals and objectives in a timely and cost-effective manner. BMPs can also include measures committed to by the proponent to lessen impacts to resources. Per established protocols, procedures, and requirements, the NEARNG will satisfy all applicable regulatory requirements in association with the proposed construction, renovation, conversion and demolition projects. These “BMPs” are summarized in **Section 5.3** of this EA and are included as components of the Proposed Action Alternative. As no significant impacts were determined as a result of this report, no mitigation measures are necessary.

Agency and Public Involvement

The tribal consultation process is distinct from NEPA consultation and the interagency coordination process and requires separate notification of all relevant tribes. The Offutt AFB point-of-contact for Native American tribes is the Wing Commander. The tribal governments that have been consulted with regarding the Proposed Action are listed in Section 9 and Appendix B. Tribes were asked for input on any concerns or information of traditional resources within the proposed project area. As the proponent, the NEARNG completed separate consultation with other agencies. These consultations included the United States Fish and Wildlife Service (USFWS), Nebraska State Historical Society (NSHS) and SHPO, Nebraska Natural Heritage Program, and Nebraska Game and Parks Commission. Other entities/stakeholders included Papio Missouri River Natural Resource District, and City of Bellevue. Consultation correspondence conducted by NEARNG including agency information and comments have been incorporated into this EA and can be found in **Appendix B**.

The USAF will publish and distribute the draft and final EA and, if found to be appropriate, the draft Finding of No Significant Impact (FONSI) for a 30-day public review and comment period, as announced by a Notice of Availability (NOA) in publications of the USAF’s choosing. Review copies will also be made available for public review at the Bellevue Public Library. Throughout this process, the public may obtain information on the status and progress of the EA through the OAFB Public Affairs at (402) 294-1110.

Conclusions

The evaluation performed within this EA concludes there would be no significant adverse impact, either individually or cumulatively, to the local environment or quality of life as a result of implementing the Proposed Action Alternative, provided all BMPs specified in this EA are implemented through the design process. Further, management controls are in place and reviewed prior to execution, and ongoing BMPs are reviewed on an annual basis. This EA’s analysis determines, therefore, an Environmental Impact Statement (EIS) is unnecessary for implementing the Proposed Action, and that a FONSI is appropriate. The Proposed Action Alternative was determined by the NEARNG to provide the best combination of land and resources to sustain quality military training and to maintain and improve the NG units’ readiness postures. The No Action Alternative was not found to satisfy the purpose of and need for the project. The No Action Alternative would limit the capability of the NEARNG to carry out its assigned mission to provide adequate training facilities and would jeopardize the proficiency and military readiness of the NEARNG. As such, this EA recommends implementation of the Proposed Action Alternative.

255 The USAF and NEARNG will review this NEPA analysis prior to project execution to ensure no
256 substantial changes have occurred that may affect environmental resources or regulatory requirements
257 differently since the completion of this EA. If changes have occurred the USAF and NEARNG will
258 prepare an updated NEPA analysis in the form of a Supplemental EA or tiered Categorical Exclusion.
259 This original EA would be utilized as the foundation for the updated analysis and supplemental NEPA
260 analyses would focus on those issues that have changed.

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Acronyms

189 th AUG TDA TC Co	(UIC: WPV799) 189 th Transport Company Augmentation TDA
189 th Det. 2 Trans Co	(UIC: WPV7A2) 189 th Transportation Company, Detachment 2
189 th Trans Co	189 th Transportation Company
195 th Forward Support Co	(UIC: WP3WAA) 195 th Forward Support Company
623 rd Eng. Co	(UIC: WX2ZAA) 623 rd Engineering Company
72 nd CST	(UIC: W7MKAA) 72 nd Civil Support Team
A4C	Civil Engineer Division
ABC	American Bird Conservancy
ACAM	Air Conformity Applicability Model
ACC	Air Combat Control
ADA	Americans with Disabilities Act
AFI	Air Force Instruction
AIRFA	American Indian Religious Freedom Act
ARNG	Army National Guard
ARNG-ILE	ARNG's Environmental Programs Division
ARPA	Archaeological Resources Protection Act
ASA	Assistant Secretary of the Army
ATFP	Anti-terrorism Force Protection
BLM	Bureau of Land Management
BGEPA	Bald and Golden Eagle Protection Act
BMP	Best Management Practice
CAA	Clean Air Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CST	Civil Support Team
CWA	Clean Water Act
DA	Department of the Army
dB	Decibel
dBA	dBA-weighted (dBA)
DNL	Day-Night Average Sound Level
DoD	Department of Defense
EA	Environmental Assessment
EIAP	Environmental Impact Analysis Process
EIS	Environmental Impact Statement
EISA	Energy Independence and Security Act
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FMS	Field Maintenance Shop
FONSI	Finding of No Significant Impact
FY	Fiscal Year
GBC	Green Building Council
GOV	Government Owned Vehicle
HTMW	Hazardous and Toxic Materials and Wastes
Hwy	Highway
IE&E	Installations, Energy and Environment
IICEP	Interagency and Intergovernmental Coordination for Environmental Planning
ISR	Installation Status Report
LEED	Leadership in Energy and Environmental Design
MBTA	Migratory Bird Treaty Act

MEP	Military Equipment Parking
MLRA	Major Land Resource Area
MOU	Memorandum of Understanding
MP Co	(UIC: WPPZAA) Military Police Company
MS4	Municipal Separate Storm Sewer System
MSGP	Multi-Sector General Permit
MTOE	Modification Table of Organization and Equipment
NAAQS	National Ambient Air Quality Standards
NDEQ	Nebraska Department of Environmental Quality
NEARNG	Nebraska Army National Guard
NEDNR	Nebraska Department of Natural Resources
NEDOT	Nebraska Department of Transportation
NENHP	Nebraska Natural Heritage Program
NEPA	National Environmental Policy Act
NFG	Non Federal Government
NFPA	National Fire Protection Association
NG	National Guard
NG Pam 415-12	National Guard Pamphlet 415-12 "Army National Guard Facilities Allowances"
NGB	National Guard Bureau
NGR	National Guard Regulation
NO2	Nitrogen dioxide
NOA	Notice of Availability
NRCS	Natural Resources Conservation Service
NSHS	Nebraska State Historical Society
OAFB	Offutt Air Force Base
NRCS	Natural Resources Conservation Service
NWI	National Wetlands Inventory
O3	Ozone
Pb	Lead
PM10	Particulate matter measuring less than 10 microns in diameter
PM2.5	Particulate matter measuring less than 2.5 microns in diameter
POV	Privately Owned Vehicle
ppm	parts per million
RC	Readiness Center
ROI	Region of Influence
SecAF	Secretary of the Air Force
SFHA	Special Flood Hazard Areas
SHPO	State Historic Preservation Office
SOC	Species of Concern
SO2	Sulfur dioxide
SPCC	Spill Prevention, Control and Countermeasures Plan
SRRO	State Recruiting and Retention Officer
STRATCOM	Strategic Command
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
TDA	Table of Distribution & Allowance
UFC	Unified Facilities Code
UIC	Unit Identification Code
USACE	U.S. Army Corps of Engineers
USAF	U.S. Air Force
USC	U.S. Code
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey

1 Purpose and Need for the Proposed Action

1.1 Introduction

The USAF is the lead agency for the development of the EA, and the NEARNG is the proponent for the Proposed Action on the OAFB. The Proposed Action is to construct and operate a new NEARNG RC on a 41-acre parcel of land at OAFB, a USAF property, near Bellevue, Nebraska (Military Construction Project No. 310102) with construction funding expected in fiscal year 2020. The USAF would permit the 41-acre property to the USACE, which would then license the property to the State of Nebraska for use by the NEARNG. The proposed RC would replace existing NEARNG facilities that are outdated and do not meet the current needs and requirements of the NEARNG. This proposed RC is referred to as the Bellevue RC. Two existing NEARNG RCs, Nebraska City and Wahoo, are more than 50 years old and would be vacated, and operations at these two RCs would be replaced by the Bellevue RC. There are six units (386 personnel) that would use the Bellevue RC: 189th Trans CO, 195th Forward Support Co, 623rd Eng. Co, the MP Co, the 189th Trans Co TDA Augmentation, and the State CST. The existing RCs do not comply with Schedule I (RC Allowances), Schedule II (Unit and Special Allowances), or land allowances as per NG Pam 415-12 criteria. The current RCs have red (cannot fully support current mission, or requires significant work-arounds) or black (cannot support the current mission) condition ratings based on the ISR; do not meet current code requirements including the ADA; and lack adequate space for ATPF, administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government and privately owned vehicle parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (DoD 2010).

The NEARNG is dedicated to protecting and defending the interests of the community, state, and the nation. The NEARNG is a dual-mission organization under the control of the Federal government (i.e., DoD) and the State of Nebraska (i.e. the Governor). The NEARNG's Federal mission is to provide units trained and ready to respond to Federal mobilizations as directed by Congress or the President. The NEARNG's state mission is to provide a regulated militia for the State of Nebraska in support of the state constitution and to protect the lives and property of the public, both citizens and visitors, in times of emergency, disorder, or disaster.

This EA addresses the potential impacts associated with implementation of the Proposed Action on the human and natural environment as required by the NEPA of 1969, as amended (Title 42, USC Sections 4321-4347), and in accordance with the CEQ regulations implementing the procedural provisions of NEPA (Title 40, CFR Parts 1500 through 1508 [40 CFR 1500-1508]). The proposed development would comply with the USAF EIAP (32 CFR 989). The proposed development would also comply with 32 CFR 651 and the Army National Guard (ARNG) NEPA Handbook (ARNG 2011). Other environmental laws relevant to the Proposed Action are included in **Appendix A**.

The inadequacy of the existing NEARNG RCs has prompted the need for a new RC and thus, also required the preparation of NEPA-compliant documentation for the Proposed Action of a new RC at OAFB (NEARNG 2016). The proposed construction and operation of the RC is to support the 386 soldiers from six units: 195th Forward Support Co; 623rd Eng. Co; MP Co; 189th Det. 2 Trans Co; 72nd CST72nd CSTCST; and 189th AUG TDA TC Co.

1.2 Purpose and Need

The purpose of the Proposed Action is to meet company-sized facility requirements of the NEARNG, in accordance with NGR 415-12 (NGB, 2015). The minimum space requirement for the proposed RC is 126,500 sq. ft. These requirements include new staging, administration, logistical, training, classroom training, and maintenance areas that would accommodate the current and future force structure of the NEARNG.

The need for the Proposed Action was brought about by two RCs in eastern Nebraska not meeting Mission and space requirements and have been directed to be consolidated into location. Both RCs have ISR Red or Black condition ratings which indicate current mission support deficiencies. The facility for the Proposed Action is designed to meet DA directed MTOE changes for the consolidation of 386 soldiers from seven units: the 195th Forward Support Co, the 623rd Eng. Co, the MP Co, the Det 2 Trans Co, the 72nd CST, and the AUG TDA TC Co. The purpose includes the 189th AUG TDA TC Co's mission to support STRATCOM at OAFB.

More specifically, the need for the Proposed Action was brought about by two centers (Nebraska City and Wahoo) that do not meet the NG standards including Schedule I (RC Allowances), Schedule II (Unit and Special Allowances) or land allowances per NG Pam 415-12 criteria; ISR Mission and Quality; current code requirements; ADA; and ATFP. The current facilities also lack adequate space for training, administration, supply room, kitchen, toilets/showers, physical fitness, locker rooms, private owned vehicle parking, military parking and unheated storage. In addition, both facilities were constructed more than 50 years ago, and are past their useful lifespan. The Proposed Action is also needed to ensure the continued and long-term viability of the proposed RC with energy efficiencies as a multiple use center capable of providing the land and resources necessary to support the NEARNG's and other military users assigned training and support missions. Units' missions and readiness includes the 189th AUG TDA TC Co's mission to support STRATCOM at OAFB; the 195th Forward Support Co and 623rd Eng. Co need to meet storage requirements; the 72nd CST needs a Ready Building. Additionally, recruitment and retention are continually affected due to working in dilapidated facilities.

The following selection standards were used to determine reasonable alternatives:

- **Standard 1: Company-sized facility requirements.** The purpose of the Proposed Action is to meet company-sized facility requirements of the NEARNG, in accordance with NGR 415-12 (NGB, 2015). The proposed RC must be a minimum of 126,500 sq. ft for adequate space for training, administration, supply room, kitchen, toilets/showers, physical fitness, locker rooms, private owned vehicle parking, military parking and unheated storage. These requirements include new staging, administration, logistical, training, classroom training, and maintenance areas that would accommodate the current and future force structure of the NEARNG.
- **Standard 2: Fulfill Units' readiness and missions per the DA MTOE direction.** Facility must meet DA directed MTOE changes including consolidating the 386 soldiers from multiple units (**Table ES-1**) and fulfilling their missions and space requirements.
- **Standard 3: DoD's Unified Facilities Code.** The Proposed Action includes a RC designed to a minimum life of 50 years with energy efficiencies, building envelope and integrated building systems performance as per ASA IE&E Sustainable Design and Development Policy Update Dec 2013.
- **Standard 4: Meet NGB standards and code requirements.** Replace current facilities that do not meet NGB standards and NG Pam 415-12 criteria; ISR Mission and Quality; Built on Federal land; ADA and ATFP
- **Standard 5: Be compatible with Installation Development Plan.** Be compatible with the goals and objectives of the USAF's Installation Development Plan pages 9-1, 9-2, 9-16, and 9-17
- **Standard 6: Location.** Provide a RC in location to serve as a multiple use center for NEARNG and other military users if necessary as well as in an area with community support.

1.3 Scope of the EA

As required by the NEPA (42 USC 4321 et seq.); the CEQ Regulations Implementing the Procedural Provisions of NEPA (40 CFR Parts 1500-1508); 32 CFR 989, which implements the USAF EIAP; 32 CFR Part 651 (Environmental Analysis of Army Actions, Final Rule; 29 March 2002); and the ARNG NEPA Handbook, Guidance on Preparing Environmental Documentation for ARNG Actions in Compliance with the NEPA of 1969, the potential direct, indirect, and cumulative physical, environmental, cultural, and socioeconomic effects of this federal Proposed Action are analyzed in this EA. A detailed description of the Proposed Action is provided in **Section 2.2**.

The NEARNG developed selection standards (described in **Section 2.3**) to determine potential alternatives that would meet the purpose and need for the Proposed Action. A number of alternatives were initially considered, and after applying the selection standards and siting criteria (described in **Section 2.4.1**), all but one action alternative was eliminated, thus the only two that were carried forward in the analysis are the Proposed Action and the No Action alternatives described in more detail in **Section 2**. In accordance with NEPA and CEQ Regulations, this EA considers two alternatives for implementing the Proposed Action:

- ▶ Proposed Action Alternative – Implement the Proposed Action at the OAFB location by executing the development projects, as described in **Section 2.2**, to provide the requisite infrastructure for training and other activities for NEARNG units, other military units, and to fulfill the assigned mission requirements of the NEARNG.
- ▶ No Action Alternative – Continue with operations as currently conducted and do not implement the Proposed Action.

1.4 Decision to be Made

The USAF is the lead agency and decision-maker for this EA, and the NEARNG is the proponent of the Proposed Action. As described in 32 CFR Part 989 and 32 CFR Part 651.5, the NEPA process is intended to provide the Air Force's and Army's planners and decision-makers with a meaningful review of environmental considerations associated with the proposed action. The analysis set forth in this EA allows the decision-maker to carefully balance the protection of these environmental resources while fulfilling the Air Force's and Army's essential roles, including national defense. The Proposed Action is part of an Army National Guard Military Construction to support the mission of the NEARNG, therefore the USAF would not provide any funds for the Proposed Action.

The NEARNG is the proponent for the Proposed Action to be sited on an active USAF installation. OAFB is an ACC Installation; therefore, the SecAF is the decision-maker for the Proposed Action. The signatory authority for this EA is the ACC/A4C of the USAF. The ARNG-I&E maintains the ARNG signature authority for ARNG NEPA actions. The Chief, ARNG-I&E will co-sign this EA's decision document. The federal decision-making on the part of the USAF includes selecting an alternative to implement and identifying the actions that the Government will commit to undertake to avoid, minimize, or mitigate environmental effects, as required under the NEPA, CEQ Regulations, 32 CFR Part 989.

Per amendments to 10 USC 10501, described in DoD Directive 5105.77 (30 October 2015), the NGB is a joint activity of the DoD. NGB serves as a channel of communication and funding between the US Army and State Guard organizations in the 54 US states and territories. The ARNG is a Directorate within NGB. The ARNG's Installation and Environment Directorate is the directorate within the ARNG that is responsible for environmental matters, including compliance with the NEPA. Per the 32 CFR Part 651, the ARNG will seek to minimize environmental effects, as required under the NEPA and CEQ regulations.

This EA evaluates the potential environmental consequences of implementing the Proposed Action to construct a new RC on OAFB near Bellevue, Nebraska. Based on the analysis in this EA, the ACC/A4C and NGB will make one of three decisions regarding the Proposed Action: 1) choose the alternative that best meets the purpose and need and sign a FONSI, allowing the selected alternative to be implemented; 2) initiate preparation of an EIS if it is determined that significant impacts would occur through implementation of the action alternatives; or 3) select the No Action Alternative and no implementation of the Proposed Action would occur.

1.5 Public and Agency Involvement

The USAF invites public participation in decision-making on new proposals through the NEPA process. Consideration of the views and information of all interested persons promotes open communication and enables better decision-making. Agencies, organizations, and members of the public with a potential interest in the Proposed Action, including minority, low-income, disadvantaged, and Native American

groups, are urged to participate. A record of public involvement, agency coordination, and Native American consultation carried out by USAF associated with this EA will be provided in **Appendix B**.

1.5.1 Public Review

The USAF as the lead agency, will publish and distribute the draft and final EA and, if found to be appropriate, the draft FONSI for a 30-day public review and comment period, as announced by a NOA in publications of the USAF's choosing. The State Public Affairs Officer is responsible for reviewing notices prior to publication in the local newspaper and will be the primary contact for local news media inquiries. The OAFB environmental office will be responsible for receiving comments resulting from the 30-day public comment period.

If it is determined implementation of the Proposed Action would result in significant impacts, the USAF would consult with the NGB, and either not take this action as proposed or would publish in the Federal Register a Notice of Intent to prepare an EIS. Throughout this process, the public may obtain information on the status and progress of the EA through the OAFB Public Affairs Office at (402) 294-1110.

1.5.2 Agency Coordination

Interagency and Intergovernmental Coordination for Environmental Planning (IICEP) is a federally-mandated process for informing and coordinating with other governmental agencies regarding federal Proposed Actions. CEQ regulations require intergovernmental notifications prior to making any detailed statement of environmental impacts. Through the IICEP process, the USAF notifies relevant federal, state, and local agencies and allows them sufficient time to make known their environmental concerns specific to a Proposed Action. Comments and concerns submitted by these agencies during the IICEP process are subsequently incorporated into the analysis of potential environmental impacts conducted as part of the EA. This coordination fulfills requirements under EO 12372 (superseded by EO 12416, and subsequently supplemented by EO 13132), which requires federal agencies to cooperate with and consider state and local views in implementing a federal proposal. It also constitutes the IICEP process for this EA.

As the proponent, the NEARNG completed separate consultation with other agencies. Consultation by the NEARNG included USFWS, Nebraska NSHS and SHPO, Nebraska Natural Heritage Program, and Nebraska Game and Parks Commission. Other entities/stakeholders included Papio Missouri River Natural Resource District, and City of Bellevue. This correspondence associated with NEARNG's consultation including agency information and comments have been incorporated into this EA and can be found in **Appendix B**. The USAF will be performing additional consultation with the USFWS following legal sufficiency.

1.5.3 Native American Consultation/Coordination

The OAFB will consult with federally recognized Native American tribes as required under DoD Instruction 4710.02, DoD Interactions with Federally Recognized Tribes (DoD, 2006); NEPA; the National Historic Preservation Act (NHPA); and the Native American Graves Protection and Repatriation Act (NAGPRA). Tribes are invited to participate in the EA and NHPA Section 106 processes as Sovereign Nations per EO 13175, Consultation and Coordination with Indian Tribal Governments, 6 November 2000.

As a proponent of the Proposed Action, the NEARNG did consult with federally recognized Native American tribes. **Section 9** contains a list of the federally recognized tribes with possible ancestral ties to the Proposed Action area that were invited to provide comments by the NEARNG, to date. Consultation correspondence with federally recognized Native American tribes by the NEARNG is included in **Appendix B**. The 55th Wing of the USAF will send out letters requesting comment once this EA is approved for public release (**Section 9; Appendix B**).

1.6 Related NEPA, Environmental, and Other Documents and Processes

The property proposed for development is currently owned by the USAF. The proposed site was previously a housing development built for the OAFB, which was demolished and is in the process of being reclaimed. Due to the previous disturbance created by the housing development, in depth studies were not required. Consultation with local, state and federal agencies was completed to obtain information about potential historic and cultural sites, state listed sensitive species, and federally listed species. Agencies consulted with and or site-specific documents reviewed including the following:

- ▶ DoD. (2015b). Offutt AFB Joint Land Use study - Final, August 2015. Retrieved June 29, 2017, from http://www.sarpy.com/planning/documents/Offutt_AFB_JLUS_Report_Final_August_2015.pdf.
- ▶ US Fish and Wildlife Service
- ▶ Nebraska State Historic Preservation Office
- ▶ Nebraska Game and Parks Commission
- ▶ Nebraska Natural Heritage Program
- ▶ Data from the Natural Resources Conservation Service
- ▶ Data from Federal Emergency Management Agency

1.7 Regulatory Framework

This section identifies applicable federal, state, and local regulations that apply to the Proposed Action and considered alternatives. This EA has been prepared under the provisions of, and in accordance with NEPA (42 USC 4321 et seq.), the CEQ Regulations Implementing the Procedural Provisions of NEPA (Sec. 1502.9 Draft, final, and supplemental statements; 40 CFR Parts 1500-1508), 32 CFR 989 (EIAP for USAF), and 32 CFR 651 (Environmental Analysis of Army Actions, Final Rule). In addition, the document has been prepared as per USAF guidance. A summary of regulations relevant to resource areas analyzed in this EA is included as **Appendix A**.

Regulatory agencies establish standards and thresholds of significance intended to protect environmental and human resources when those resources have the potential to be impacted by actions proposed by Federal entities or other project proponents. Numerous procedures have been established, and permits are required, to ensure environmental impacts are minimized to the extent feasible and to facilitate compliance with established regulations. The primary agencies that regulate or influence activities associated with the construction and operation of facilities by the NEARNG include the DoD, US Environmental Protection Agency (EPA), USFWS, Nebraska Department of Environmental Quality (NDEQ), Nebraska Game and Parks Commission, Nebraska State Historical Society, Nebraska Department of Natural Resources, Sarpy County, and the Papio Missouri River Natural Resources District.

This EA evaluates the potential impacts of implementing the Proposed Action and evaluates the impacts of the No Action Alternative. Resource categories described and evaluated in **Section 3** and **4** include: land use; air quality; noise; topography, geology and soils; water resources; biological resources including vegetation, wildlife, and endangered and threatened species; cultural resources; socioeconomics; environmental justice; infrastructure; and hazardous and toxic materials and wastes (HTMW). This EA also considers the potential cumulative effects of this Proposed Action; and other past, present, and reasonably foreseeable actions within the Region of Influence (ROI). The ROI includes the City of Bellevue. Meaningful effects beyond this ROI would not be anticipated, based on the nature and scope of the Proposed Action and its considered alternatives.

As specified under the NEPA and CEQ regulations (40 CFR 1500-1508), a monetary cost-benefit analysis is not required as part of the EA. The Proposed Action and its alternatives have been developed based on military training needs and mission requirements. As such, no quantitative financial assessment has been performed as part of this EA. However, economic factors that result in socioeconomic impacts to the NEARNG RC and its surrounding ROI are addressed in this document, as required under NEPA.

2 Description of the Proposed Action and Alternatives

2.1 Introduction

Implementation of the Proposed Action would provide the requisite infrastructure improvements at the RC that supports training, administrative, and logistical requirements for the NEARNG. The following sections provide a detailed description of the Proposed Action and the alternatives considered to meet the purpose and need for the Proposed Action. Development and evaluation of alternative sites, siting criteria for potential site locations, and specific facility configurations are presented in **Section 2.3**. The Proposed Action at OAFB is a Fiscal Year (FY) 2020 Military Construction Project Number 310102.

2.2 Proposed Action

The Proposed Action would include developing a specially designed RC to replace the existing facilities that do not meet ARNG standards. The Proposed Action would include the construction of a 126,595-square foot readiness center. In addition, the Proposed Action would include construction of 276,795 square feet of parking area and roads. Construction would be expected in FY 2020 for the readiness center. Activities proposed at the RC would include administration, individual training, large-group training event coordination, and logistics.

2.2.1 Proposed NEARNG Operations

Activities conducted at the RC would typically include administration (e.g., personnel processing, recruiting), individual training (e.g., instruction given to individual soldiers regarding their military occupational specialty), large-group training event coordination (e.g., drill weekends), and logistics (e.g., inventory, accounting, control of equipment assigned to the unit).

The Proposed Action at OAFB would be used for normal administrative functions five days per week by the NEARNG. The NEARNG would also conduct a two-day Inactive Duty Training assembly two or three times per month throughout the year. The proposed facility would support up to 38 full-time and up to 386 guard and reserve personnel. The 38 full-time permanent employees would include 8 officers, and 30 enlisted personnel. These permanent employees would support the 386 part-time or traditional NEARNG guard and reserve soldiers using the facility for training, including 360 enlisted personnel and 26 officers (NEARNG, 2016)

2.2.2 Closure of Legacy Facility

Upon the completion of the proposed Bellevue RC, the Nebraska City and Wahoo RCs, which are over 50 years old, would be vacated. The building and land would return to the State of Nebraska for alternative use or otherwise demolished. The return of the two current facilities to the State of Nebraska along with other off-site disposal, the project would comply with the Army 1 square foot for 1 square foot disposal policy with the disposal of 128,319 sq. ft.

2.2.3 Best Management Practices

Best Management Practices would be incorporated into the Proposed Action to reduce or eliminate impacts to resources within the Project Area and are provided in **Section 5.3**. In addition to the BMP, NEARNG would be responsible for obtaining and maintaining all required permits, and development of environmental plans such as a Spill Prevention, Control and Countermeasures Plan (SPCC), and Stormwater Pollution Prevention Plan (SWPPP).

2.3 Selection Standards

The purpose of the Proposed Action is to meet company-sized facility requirements of the NEARNG, in accordance with NGR 415-12 (NGB, 2015). These requirements include staging, administration, logistical, training, classroom training, and maintenance areas that would accommodate the current and future force structure of the NEARNG.

The need for the Proposed Action was brought about by two RCs (Nebraska City and Wahoo) that do not meet the NG standards including NG Pam 415-12 criteria; ISR Mission and Quality; current code

requirements; ADA; and ATFP. The current facilities also lack adequate space for training, administration, supply room, kitchen, toilets/showers, physical fitness, locker rooms, private owned vehicle parking, military parking and unheated storage. In addition, both facilities were constructed more than 50 years ago, and are past their useful lifespan.

The Proposed Action is also needed to ensure the continued and long-term viability as a multiple use center capable of providing the land and resources necessary to support the NEARNG's and other military users assigned training and support missions. Selection standards were used to determine reasonable alternatives for the DA directive:

- **Standard 1: Company-sized facility requirements.** The purpose of the Proposed Action is to meet company-sized facility requirements of the NEARNG, in accordance with NGR 415-12 (NGB, 2015). The proposed RC must be a minimum of 126,500 sq. ft for adequate space for training, administration, supply room, kitchen, toilets/showers, physical fitness, locker rooms, private owned vehicle parking, military parking and unheated storage. These requirements include new staging, administration, logistical, training, classroom training, and maintenance areas that would accommodate the current and future force structure of the NEARNG.
- **Standard 2: Fulfill Units' readiness and missions per the DA MTOE direction.** Facility must meet DA directed MTOE changes including consolidating the 386 soldiers from multiple units (**Table ES-1**) and fulfilling their missions and space requirements.
- **Standard 3: DoD's Unified Facilities Code.** The Proposed Action includes a RC designed to a minimum life of 50 years with energy efficiencies, building envelope and integrated building systems performance as per ASA IE&E Sustainable Design and Development Policy Update Dec 2013.
- **Standard 4: Meet NGB standards and code requirements.** Replace current facilities that do not meet NGB standards and NG Pam 415-12 criteria; ISR Mission and Quality; Built on Federal land; ADA and ATFP
- **Standard 5: Be compatible with Installation Development Plan.** Be compatible with the goals and objectives of the USAF's Installation Development Plan pages 9-1, 9-2, 9-16, and 9-17.
- **Standard 6: Location.** Provide a RC in location to serve as a multiple use center for NEARNG and other military users if necessary as well as in an area with community support.

In applying these selection standards to potential locations, NEARNG began with region wide look at alternatives including renovations of existing facilities and constructing new facilities. Renovation of existing facilities was not a reasonable alternative because of their condition, renovation costs, and the existing locations did not have enough square footage for expansion to accommodate the consolidation of all units. In addition, three locations were identified on OAFB, but based on the selection standards, only one site was carried forward. The NEARNG determined two locations were reasonable alternatives for the Proposed Action. These two reasonable alternative locations, OAFB and Mead-Yutan, were initially considered for further evaluation.

Three alternatives are considered in this EA:

- Alternative 1, Offutt Air Force Base, Nebraska
- Alternative 2, Mead-Yutan, Nebraska
- Alternative 3, No Action Alternative

2.4 Alternatives Considered

NEPA requires all reasonable alternatives to be explored and objectively evaluated. Alternatives that are eliminated from detailed study must be identified along with a brief discussion of the reasons for eliminating them. For purposes of analysis, an alternative was considered "reasonable" only if it would enable the NEARNG to accomplish the primary mission of providing land, facilities, and resources and to meet the purpose of and need for the Proposed Action. "Unreasonable" alternatives would not enable the NEARNG to meet the purpose of and need for the Proposed Action.

2.4.1 Alternatives Development (Siting Criteria)

The NEARNG developed and applied the following criteria to screen and evaluate the two action alternative locations identified above. The NEARNG identified that a suitable site would meet the majority, if not all, of the following criteria:

1. Be located within an existing NEARNG owned or controlled facility to avoid land acquisition costs.
2. Have a sufficient amount of land, preferably previously disturbed or cleared, to accommodate the required facilities.
3. Ensure the new facility is in a location where the proposed structures may be built in compliance with NG Pam 415-12 criteria, ISR Mission and Quality, current code requirements, ADA, and ATRP.
4. Create a facility that has an efficient utility system to lower monthly operational costs.
5. Be proximate to existing, related facilities within the installation, including the roadway network and buildings (i.e., logistical considerations).
6. Have reasonable access to necessary utility connections.
7. Be within areas with few existing known environmental constraints (i.e., notably wetlands and other waters, wooded areas, endangered or threatened species habitat, or cultural resources).
8. Be compatible with other current and approved future land uses within the installation and the surrounding area.
9. Be located at a site where new noise impacts to surrounding communities are minimized or avoided (e.g., residences).
10. Be compatible with the goals and objectives of the USAF's Installation Development Plan pages 9-1, 9-2, 9-16, and 9-17.
11. Ensure no net loss in the capacity of the NEARNG or the installation to support the military mission and conduct training operations.
12. Have the support of the local community
13. Deemed feasible option through economic analysis of alternatives for project development

After evaluating and applying the siting criteria to the action alternatives (**Table 3**), the site of the Proposed Action was selected due to accessibility and proximity to existing utilities and major urban areas. The Proposed Action Alternative is described in further detail below. The other alternatives identified did not meet either the selection standards or siting criteria and thus were not carried forward for analysis in this EA.

2.4.2 Evaluated Alternatives

This EA evaluates the potential direct, indirect, and cumulative environmental, cultural, socioeconomic, and physical effects of three alternatives to implementing the Proposed Action shown in **Table 3**: Proposed Action Alternative, Action Alternative, and No Action Alternative.

Table 3: Summary of Evaluated Alternatives

Siting Criteria (see Section 2.4.1)		Alternatives and the Siting Criteria Used ✓ - indicates it meets the criteria		
		Proposed Action Alternative	Action Alternative	No Action Alternative
		Offutt Air Force Base	Mead-Yutan	
		Section 2.4.2.1	Section 2.4.2.2	Section 2.4.2.2
	Be located within an existing NEARNG owned or controlled facility to avoid land acquisition costs.	✓	✓	
	Have a sufficient amount of land, preferably previously disturbed or cleared, to accommodate the required facilities.	✓	✓	
	Ensure the new facility is in a location where the proposed structures may be built in compliance with NG Pam 415-12 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA), and Anti-Terrorism Force Protection (ATFP).	✓	✓	
	Create a facility that has an efficient utility system to lower monthly operational costs.	✓	✓	
	Be proximate to existing, related facilities within the installation, including the roadway network and buildings (i.e., logistical considerations).	✓	✓	
	Have reasonable access to necessary utility connections.	✓	✓	
	Be within areas with few existing known environmental constraints (i.e., notably wetlands and other waters, wooded areas, endangered or threatened species habitat, or cultural resources).	✓	✓	
	Be compatible with other current and approved future land uses within the installation and the surrounding area.	✓	✓	
	Be located at a site where new noise impacts to surrounding communities are minimized or avoided (e.g., residences).	✓	✓	
	Be compatible with the goals and objectives of the USAF's Installation Development Plan pages 9-1, 9-2, 9-16, and 9-17.	✓		
	Ensure no net loss in the capacity of the NEARNG or the installation to support the military mission and conduct training operations.	✓	✓	

	Have the support of the local community	✓		
	Deemed feasible option through economic analysis of alternatives for project development	✓		

2.4.2.1 Proposed OAFB RC

Under the Proposed Action, the project would be constructed and operated as described in this Section and illustrated in **Figure 1**. The Proposed Action at OAFB is the preferred alternative because it best meets the selection standards for the purpose and need set forth in **Section 2.3** and the siting criteria set forth in **Section 2.4.1**. It effectively provides the best combination of land and resources to sustain quality military training and to maintain and improve the units' readiness postures. This alternative would provide many advantages:

- ▶ Would be located on USAF property that would be permitted to the USACE, which would then license the property to the State of Nebraska for use by the NEARNG.
- ▶ Would be located in a former housing area on OAFB that was recently demolished and reclaimed (2014).
- ▶ Would provide ready access to different modes of transportation including roads, airport and railways.
- ▶ Co-location of the 195th Forward Support Co and the CST would increase readiness by cutting travel time and optimizing planning for joint exercises.
- ▶ The 195th Forward Support Co would benefit from being within one mile of state's only Drop Zone.
- ▶ Would provide ample space/acreage for the required facilities.
- ▶ Would be located between the State's two largest urban areas, Omaha and Lincoln.
- ▶ Would be located in areas with few environmental concerns.
- ▶ Would be located near existing infrastructure and available off-Post utility connections.
- ▶ Would save on operating costs by reducing high energy costs of failing, old systems and equipment.
- ▶ Would increase recruitment and retention by replacing dilapidated facilities.
- ▶ Structures would be built in compliance NG Pam 415-12 criteria, ISR Mission and Quality, current code requirements, ADA, and ATRP.

The proposed alternative site would be on OAFB. The site would be bordered to the north and east by the Willow Lakes Golf Course, to the south by Capehart Road, and to the west by S 25th St and Fort Crook Elementary School. The primary access to the RC would be established on S 25th St.

No other alternatives were identified that met both the Selection Standards for achieving the purpose and need as well as the siting criteria for the location of the Proposed Action. Under the Proposed Action Alternative at OAFB, up to approximately 11 acres of land would be impacted directly by RC construction, parking lots, roadways, and sidewalks, and an additional 9.4 acres may be temporarily impacted during construction.

The proposed RC on OAFB would include the following items that would be integral to the facility: primary RC space, backup/emergency generator, organizational vehicle parking (paved), controlled waste facility, flammable materials facility, unheated storage building, and a heating plant.

This facility would be designed to meet industry standards as well as all local, State, and Federal building codes, and as per Public Law 90-480. Construction would include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas for 125 privately owned vehicles, and site improvements. Facilities would be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC) 1-200-02 including energy efficiencies, building envelope and integrated building systems performance. Access for individuals with

827 disabilities would be provided. Anti-terrorism measures in accordance with the DOD Minimum Anti-
 828 terrorism for building standards would be provided. The proposed RC would have a building area of
 829 approximately 126,595 square feet. The proposed RC would be built on USAF property permitted to
 830 USACE and then licensed to the State of Nebraska for use by the NEARNG (**Figure 1**).

Figure 1. Overview Map



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Figure 1: Overview Map

The total proposed project area would be approximately 41 acres, of which approximately 20.4 acres would be disturbed with construction of the RC and parking areas. An increase in impermeable surfaces would result from facility construction; therefore, the NEARNG would ensure that stormwater controls (e.g., retention/detention basins, infiltration basin, stormwater velocity dissipating devices, and landscaping features) would be designed to address any resultant increase in stormwater velocities and volumes.

Physical security measures would be incorporated into design in accordance with UFC 4-010-01, and would include maximum feasible standoff distances from roads, parking areas, and vehicle unloading areas. Berms, landscaping, and bollards would be used for security, as appropriate.

Cost-effective, energy-conserving features would be incorporated into the proposed RC's design, including energy management control systems and high efficiency motors; lighting; radiant floor heating; and Heating, Ventilating and Air-Conditioning systems. The proposed RC would be designed and constructed to Leadership in Energy and Environmental Design (LEED) Silver standards, at a minimum.

Utilities to be provided under the Proposed Action would include water, sewer, electric, gas, and communication services. Utility lines for these services exist currently within or adjacent to the proposed development site. Only minor utility line extensions from the existing lines to the proposed facility would be required.

The land affected by the Proposed Action site is located on OAFB, a USAF property, and would be permitted to the USACE and then licensed to the State of Nebraska for NEARNG use. If the Proposed Action is advanced, construction activities for the RC would commence in 2020, with operational status anticipated in 2022 (NEARNG, 2016).

2.4.2.2 No Action Alternative

Pursuant to NEPA and CEQ regulations, the No Action Alternative must be considered. With selection of the No Action Alternative, the RC and associated facilities would not be constructed, and the purpose and need described in **Section 1.2** would not be met.

2.4.3 Alternatives Eliminated From Further Consideration

Alternatives that are eliminated from detailed study must be identified along with a brief discussion of the reasons for eliminating them. For purposes of analysis, an alternative was considered "unreasonable" if it would not enable the NEARNG to meet the purpose of and need for the Proposed Action laid out in the Selection Standards in **Section 2.3**. The alternative locations NEARNG evaluated are provided in **Table 3**.

The alternative location of Mead-Yutan was eliminated from further consideration because it did not meet one or more of the selection standards in **Section 2.3** and the siting criteria included in **Section 2.4.1**. The Mead-Yutan site currently has two RCs on the property. A third proposed RC has been removed from the NEARNG's Plan because the site does not have the community base to warrant or support a third RC in the vicinity. This location does not meet the Purpose and Need for the proposed action primarily due to its lack of community base support, but also because of its distance from OAFB to support STRATCOM at OAFB (the 189th AUG TDA TC Co's mission). This alternative is eliminated from further consideration and will not be discussed further in this document.

2.4.4 Alternatives' Impacts Comparison Matrix

This EA evaluates the potential direct, indirect, and cumulative environmental, cultural, socioeconomic, and physical effects of the two remaining alternatives, the Proposed Action and No Action alternatives, to implementing the construction of the proposed Bellevue RC. A comparison of the anticipated environmental consequences of these alternatives is provided in **Table 4**.

Table 4: Summary of Environmental Consequences

Technical Resource Area	Proposed Action Alternative - OAFB / Bellevue, NE	No Action Alternative
Land Use and Land Cover	Short-term and long-term, less-than-significant adverse effects to land cover are anticipated. NEARNG would minimize clearing and earthwork to the maximum extent possible to minimize disturbance and associated construction costs. Short and long-term land use would change from the current use as undeveloped land to use by the NEARNG for training and other administrative activities associated with the NEARNG	No impact attributable to the NEARNG action.
Air Quality	Short-term, less-than-significant adverse impacts due to the potential for dust generation from construction activities. Long-term less-than-significant adverse impact to local air quality due to increased training site use, and vehicle traffic. There may be minor changes to local emissions due to increased traffic, but there would be no net changes for the region as NEARNG emissions from existing facilities would be eliminated.	No impact attributable to the NEARNG action. Ongoing operations' emissions would continue.
Noise	Short-term, less-than-significant adverse impacts due to the potential for noise generation from construction activities and the proximity of sensitive receptors. Long-term, less-than-significant adverse impacts due to increased noise levels associated with traffic and training site usage.	No impact attributable to the NEARNG action. Ongoing noise associated with current training operations would continue.
Topography, Geology, Soils, and Prime Farmland	No effects to topography or geology would be expected. Short-term, less-than-significant adverse impacts to soils and 0.3 acres of prime land during land disturbing activities with the potential to increase soils erosion within the Proposed Action area. Long-term, less-than-significant impacts to soils and prime farmland due to structures built on 7.2 acres of surface area. Although, this area was previously OAFB housing that was demolished in 2014. These less-than-significant impacts would be managed with implementation of BMPs.	No impact attributable to the NEARNG action.
Water Resources (Including Surface and Groundwater, Floodplains, and Wetlands)	Short-term and long-term less-than-significant adverse impacts to surface water due to increased runoff. Short-term and long-term less-than-significant adverse impacts to groundwater due to reduced infiltration and aquifer recharge. No impact is anticipated to floodplains. No impact to wetlands as there are none in the project area.	No impact attributable to the NEARNG action.
Biological Resources (Including Vegetation, Wildlife and Migratory Birds, Threatened and Endangered Species)	Short-term, less-than-significant adverse impact to biological resources from construction noise and vegetation removal. Long-term, less-than-significant adverse impacts due to elimination of vegetation and wildlife habitat, which would be minor on a regional and local scale. Potential less-than-significant adverse impact to federally listed Northern Long-eared bat from construction. To minimize any impact, tree removal for the project would occur during winter months when bats are not present.	No impact attributable to the NEARNG action.

Technical Resource Area	Proposed Action Alternative - OAFB / Bellevue, NE	No Action Alternative
Cultural Resources	No effect to cultural resources are anticipated as a result of the Proposed Action. If a discovery of cultural resources is made during ground disturbing activities, construction would be halted, and the OAFB Cultural Resources Manager and State Historic Preservation Office (SHPO) would be contacted. Construction would restart in that area only after approval from the OAFB and SHPO.	No impact attributable to the NEARNG action.
Public and Occupational Health	No effects to public and occupational health are expected as a result of the Proposed Action. Significant impacts to public and occupational health and safety resources would occur if the Proposed Action caused an unsafe work environment or violated National Fire Protection Association (NFPA) Standard 1500.	No impact attributable to the NEARNG action.
Socioeconomics	Short-term, less-than-significant positive impacts to the socioeconomic environment during construction. Long-term, less-than-significant positive impacts to the socioeconomic due to increased economic benefit to community.	No impact attributable to the NEARNG action.
Infrastructure	Short-term and long-term, less-than-significant impacts are anticipated due to construction traffic and increased site usage. Potential less-than-significant adverse impact to utility consumption from increased training site use and utility extensions. Impacts would be managed with implementation of BMPs. Construction of a state of the art facility would likely be more energy efficient, thus using less energy than the current facilities.	No impact attributable to the NEARNG action. Utility usage would continue as under current conditions.
Hazardous and Toxic Materials and Wastes	No impacts in the short-term. Long-term, potential less-than-significant adverse impacts due to storage of fuel, cleaning supplies, and other chemicals in flammable and controlled waste facilities. Impacts would be controlled through BMP and ongoing regulatory compliance.	No impact attributable to the NEARNG action.

3 Affected Environment

This section of the EA describes relevant existing environmental conditions. Baseline data were compiled from consultation with facility personnel, queries of resource-specific databases, and previous environmental documents prepared by or for nearby local municipalities and Federal agencies.

3.1 Location Description

The 41-acre proposed project area would be located within OAFB on property of the USAF in Sarpy County near Bellevue in eastern Nebraska (**Figure 1**). The Proposed Action would be located on the southwestern side of town approximately 4 miles west of the Missouri River. Current base facilities include the active runway, hangars, terminal, and other functions. The main portions of the OAFB (runway and associated facilities) are located approximately one mile to the east of the proposed project site. The topography is relatively flat across the proposed property and slopes down towards the adjacent golf course to the north and east. The precipitation and snowfall for the area totaled 36.82 and 23.3 inches in 2018, respectively. The temperature ranged from an average of 23.3°F in January to an average of 77.6°F in June in 2018 (NWS 2019).

3.2 Resource Areas eliminated from Detailed Analysis

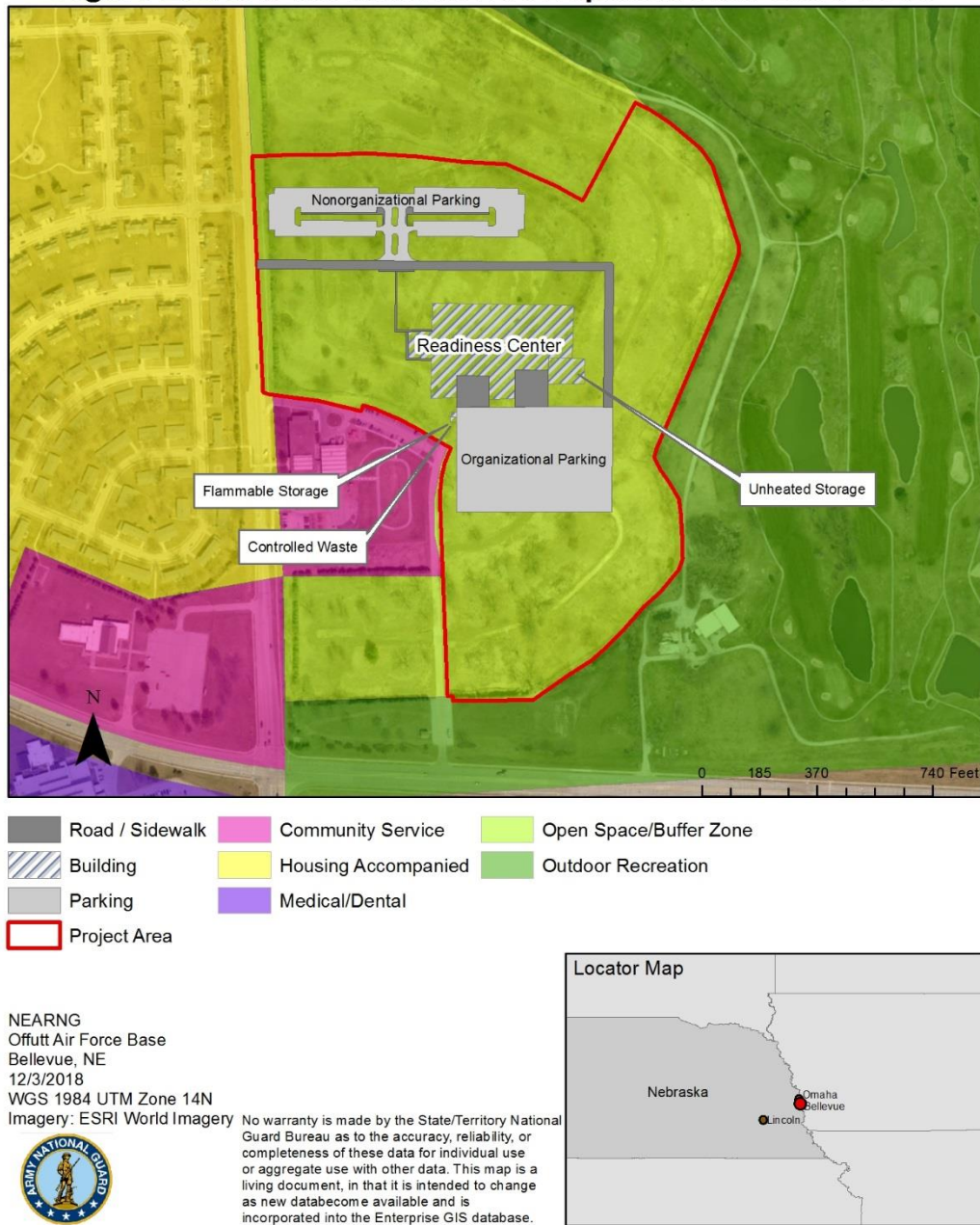
Executive Order 12898, Federal Actions to Address Environmental Justice in Minority and Low-Income Populations and EO 13045, Protection of Children from Environmental Health Risks and Safety Risks, requires that all federal agencies address the effects of policies on minorities, low-income populations, and children. Based on consultation with the USAF, it was determined the construction activities associated with the Proposed Action would be contained within the OAFB boundaries and would not significantly impact on- or off-base communities. Therefore, no populations (minority, low-income, or otherwise) would be disproportionately or adversely impacted and no adverse impact with regard to environmental justice would result.

Implementation of the Proposed Action would not result in increased exposure of children to environmental health risks or safety risks such as those associated with the generation, use, or storage of hazardous materials. Standard construction site safety precautions (e.g., fencing and other security measures) would reduce potential risks to minimal levels and any potential impacts to children would be negligible and short-term. Therefore, Environmental Justice is eliminated from further detailed analysis.

3.3 Land Use

The proposed RC would be located on land owned by the USAF within the boundary of the OAFB. Per the Bellevue Land Use Map and Google Earth images, the surrounding land use includes: a golf course to the north and east; several agricultural fields beyond the golf course to the north; US Highway (Hwy) 75 beyond the golf course to the east; low density-residential to the west; an elementary school is to the southwest; undeveloped land directly to the south; and Capehart Road beyond the undeveloped land to the south (City of Bellevue, 2015, Google Earth, 2017). Several agricultural fields, farms, and residences are located near the OAFB boundary. The proposed RC at OAFB would not be in a flood hazard zone, although effective flood zones lie to the north, east, and south.

As defined by the USAF Installation Development Plans for Land Use, ((USAF 2018)), the proposed development area would be in Open Space / Buffer Zone land use category. This area was an OAFB housing development until recently when the development was demolished in 2014 and reclaimed (**Figure 2**). The other land use types near the proposed project are the Outdoor Recreation, Community Service, and Housing Accompanied. Existing land use categories within OAFB are in **Table 5**.

Figure 2. USAF Installation Development Plan Land Uses**Figure 2: Landcover Map**

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Table 5: Land Use

USAF Land Use Categories¹	Existing Project Area (acres)	OAFB (acres)
Administrative	0	561.8
Airfield	0	2585.6
Aircraft Ops & Maintenance	0	1401.1
Community Commercial	0	1721.8
Community Service	0	3.1
Accompanied Housing	0	2248.2
Unaccompanied Housing	0	257.3
Industrial	0	40.9
Medical/Dental	0	54.7
Open Space / Buffer Zone	41	420.5
Outdoor Recreation	0	42.5
Total	41	2,790
¹ USAF 2018		

927 **3.4 Air Quality**

928 The air quality of a region is defined and monitored by the EPA and is based on concentrations of
 929 various pollutants in the atmosphere typically measured in parts per million (ppm) or micrograms per
 930 cubic meter ($\mu\text{g}/\text{m}^3$). Air quality is influenced by the type and amount of pollutants emitted into the
 931 atmosphere, the size and topography of the air basin, and prevailing meteorological conditions. Air
 932 pollutants are generated by a variety of sources including factories, power plants, vehicles, airplanes,
 933 fire, and windblown dust.

934 **3.4.1 Ambient Air Quality Conditions**

935 To facilitate a quantitative assessment of an area's compliance with the Clean Air Act (CAA), the EPA
 936 developed National Ambient Air Quality Standards (NAAQS) that establish a maximum concentration
 937 for seven common criteria pollutants that can affect human health or harm the environment:

- 938 ► Carbon monoxide (CO)
- 939 ► Nitrogen dioxide (NO_2)
- 940 ► Ozone (O_3)
- 941 ► Particulate matter measuring less than 10 microns in diameter (PM₁₀)
- 942 ► Particulate matter measuring less than 2.5 microns in diameter (PM_{2.5})
- 943 ► Sulfur dioxide (SO_2)
- 944 ► Lead (Pb)

945 Nonattainment areas persistently exceed the threshold established for a criteria pollutant. Following the
 946 air quality assessment process described in the Federal Aviation Administration's Aviation Emissions
 947 and Air Quality Handbook – Version 3 (FAA 2015), if a proposed action would cause reasonable
 948 foreseeable emissions increase; would be located within a nonattainment or maintenance area; or the
 949 action would not be exempt from the assessment process or presumed to conform to the CAA, the
 950 action must be evaluated further to determine if there is a potential for the proposed action to cause, or
 951 contribute to the severity of, violations of NAAQS.

952 The Proposed Action would be located within Sarpy County which is designated by the EPA as being
 953 in attainment for all criteria pollutants. Local sources for emissions include vehicle, industrial activities,
 954 fugitive dust from agricultural areas, and aircraft operations.

955 **3.4.2 Sensitive Receptors**

956 Sensitive receptors are areas where frequent human use occurs or sensitive environmental areas.
 957 Sensitive receptors for air quality include, but are not limited to, asthmatics, children, and the elderly,

as well as specific facilities, such as long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, and childcare centers. Sensitive environmental areas would include, but not limited to, national parks, wildlife refuges, and national monuments.

Sensitive receptors for the Proposed Action site include residential areas; a school adjacent to the proposed site; adjacent playgrounds located to the west of the proposed area; commercial areas located to the south, and a recreational area (golf course) to the north and east.

3.5 Noise

Noise is defined as unwanted sound or, more specifically, as any sound that is undesirable because it interferes with communication, is intense enough to damage hearing, or is otherwise annoying. The unit of sound pressure is the decibel. A-weighting is a method for mimicking the human ear by weighting the frequency spectrum of sounds. The Day-Night Sound Level is the A-weighted equivalent sound level for a 24-hour period (US EPA 1978). Human responses to noise vary depending on the type and characteristics of the noise, the distance between the noise source and the receptor, receptor sensitivity, and time of day.

3.5.1 Noise Sources

The ambient noise level at the Proposed Action site is greater than would be expected in a rural setting due to activities associated with vehicular traffic along US Hwy 75, Capehart Road, and the OAFB and aircraft noises. The project area would be inside of the 1992 Day-Night Average Sound Level (DNL) 65 decibel contour. Existing noise at OAFB has a 65 DNL contour (*OFFUTT AIR FORCE BASE JOINT LAND USE STUDY* 2015). Noise levels anticipated to result from development and operation of the proposed RC would be compared with existing noise to determine the magnitude of potential impacts.

3.5.2 Sensitive Receptors

Sensitive receptors for noise would be the same as those described for air quality in **Section 3.4.2**, which include a school, residential and commercial areas within 1 to 1.5 miles of the Proposed Action site.

3.6 Topography, Geology, and Soils and Prime Farmland

3.6.1 Topography

According to the Natural Resources Conservation Service (NRCS), the Proposed Action area would be located in the Dissected Till Plains of the Central Lowland Province of the Interior Plains (NRCS 2017). The proposed area is in the Major Land Resource Area (MLRA) 107B – Iowa and Missouri Deep Loess Hills in Land Resource Region M – Central Feed Grains and Livestock Region. Elevation within the proposed area is relatively flat, ranging from approximately 990 to 1062 feet (302 to 324 meters), decreasing gradually from west to east. The western portion of the Project Area is highest in elevation. Overall the proposed area slopes slightly east southeast towards the adjacent Willow Lakes Golf Course

3.6.2 Geology

The geology of the MLRA consists of Quaternary loess deposits overlain on pre-Illinoian till, which is all underlain by Pennsylvanian and Cretaceous bedrock of shale, mudstones, and sandstones (NRCS 2017). This Quaternary section, from 150 to 450 feet thick, has deeply incised gullies and fine grained alluvial deposits from Holocene cycles of erosion and deposition.

The state of Nebraska does not have any recognized quaternary faults, or active earthquake faults (USGS 2017a). The U.S. Geological Survey (USGS) 2008 Seismic Hazard Maps shows there is 4-8%g, the second lowest hazard level out of seven levels; however, USGS has documented earthquake activity throughout Nebraska (USGS 2017b). The nearest earthquake occurrence to the proposed area was a 3.5 magnitude in July 2004, approximately 40 miles southeast of the proposed area in Iowa (USGS 2017c).

3.6.3 Soils and Prime Farmland

Most of the soils (80.5%) in the proposed area is Urban Land-Udorthents-Pohocco complex, a non-hydric soil (USDA, 2017b). All permanent disturbance would occur in the Urban Land-Udorthents-Pohocco complex and Urban Land-Udorthents-Marshall complex soil regions of the Proposed Action area. Soils within the proposed area have medium runoff potential and have no frequency of flooding (**Table 6**). The Kennebec silt loam, less than 1% of area in the southeast, is a non-hydric soil in a floodplain with a very low runoff class that is occasionally flooded.

Table 6: Soil Properties within the Proposed Area

Map Unit Name	Texture	Runoff Potential	Flood Frequency	Hydro Group [†]	Drainage Class	Prime Farmland	Erosion Hazard Rating [*]	Acres within Project Area
Urban land-Udorthents-Pohocco complex	Silty clay loam	medium	none	B	Well Drained	No	Not rated	33.2
Urban land-Udorthents-Marshall complex	Silty clay loam	medium	none	C	Well Drained	No	<i>Not rated</i>	7.8
Kennebec silt loam	Silt loam	Very low	occasional	B	Moderately well drained	Yes	<i>slight</i>	0.3
Total								41.1

[†]Hydrology Group Codes: There are four Hydrologic Soil Groups A, B, C and D to indicate the minimum rate of infiltration rate for bare soil after prolonged wetting. Soil group A generally has the smallest runoff potential and D has the greatest (NRCS 2009).

^{*}Erosion Hazard Rating: Probability that erosion damage may occur as a result of site preparation or other environmental factors (e.g. overgrazing, fires) (NRCS 1993).

Note: Acreages do not total 41.1 acres, presume difference is projection difference between Web Soil Survey and ArcGIS.

Sources: (NRCS 2016; Environmental Systems Research Institute 2017).

Prime farmland is land that has an optimal combination of physical and chemical characteristics for producing food, feed, fiber, forage, and other agricultural crops. Unique farmland is land other than prime farmland that is used to produce specific high-value food and fiber crops (USDA, 2017a). The proposed area contains three main soil types (see **Table 6**). Two of the soil types are not considered prime farmland; although the Kennebec silt loam is considered prime farmland, it only covers 0.3 acres (<1%) of the proposed area.

3.7 Water Resources

Surface water resources include lakes, rivers and streams, and are important for a variety of reasons including ecological, economic, recreational and human health. Groundwater comprises subsurface water resources and is an essential resource in many areas because it is used as a source of potable water, for agricultural irrigation, and for industrial purposes. Groundwater properties are often described in terms of depth to aquifer, aquifer or well capacity, water quality and the surrounding geology. Water resources for the proposed area, including surface waters and wetlands, are shown in **Figure 3**.

Figure 3. Water Resources Map

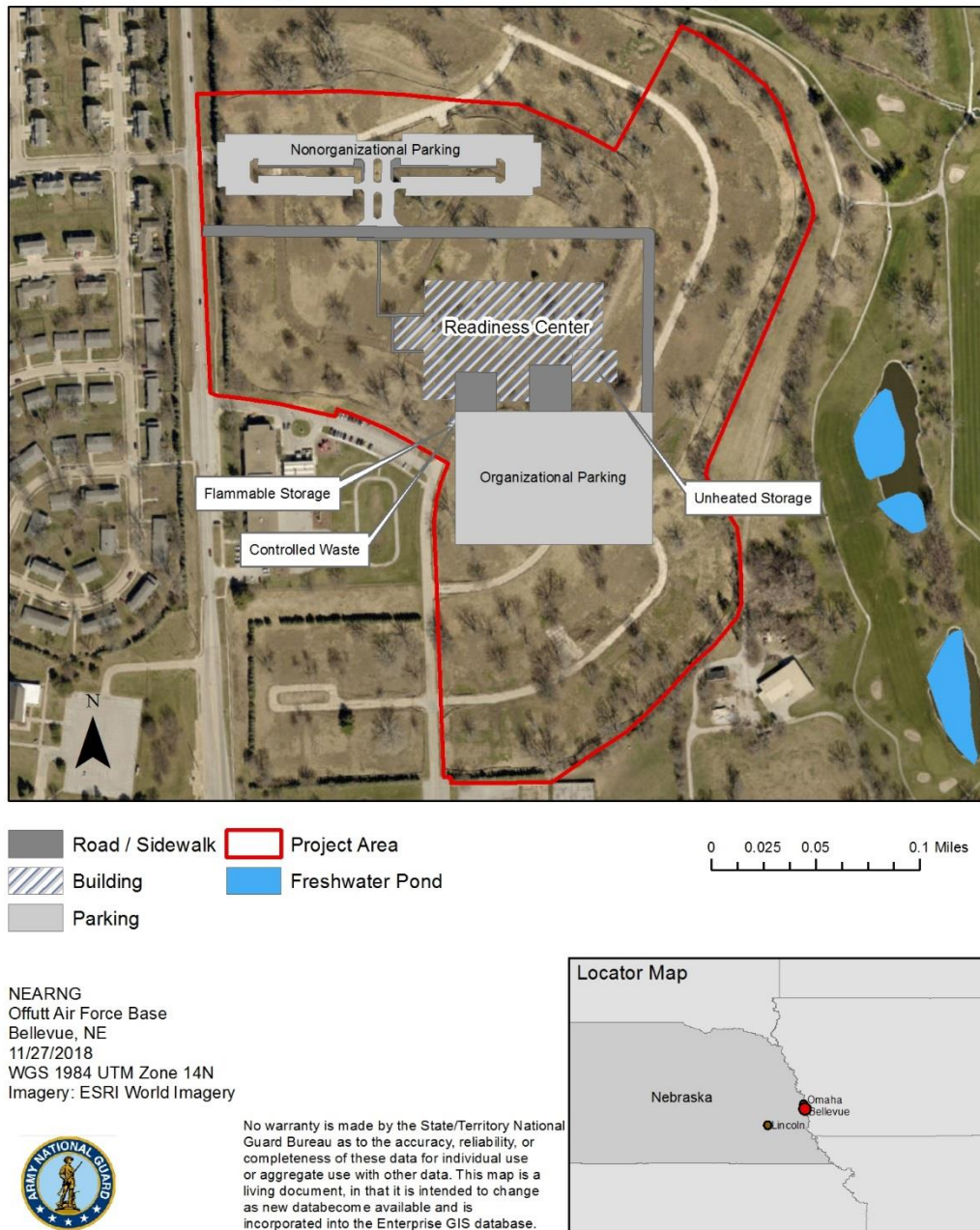


Figure 3: Water Resources Map

3.7.1 Surface Water

The proposed area lies within the Big Papillion-Mosquito Watershed (Hydrologic Unit Code [HUC] 10230006) and the Upper Missouri River and Tributaries basin. The National Hydrography Dataset (NHD) shows that the main drainages within the Big Papillion-Mosquito Watershed are Mosquito Creek, Papillion Creek, Big Papillion Creek, and the Missouri River (US EPA, 2017). The Missouri River flows from north to south, like Papillion Creek, which is located 0.2 miles east of the proposed area. Papillion Creek confluences with the Missouri and Platte Rivers six miles southeast of the proposed area. No surface waters occur within the proposed area. USGS registered water information closest to the proposed area is a stream gauge of Papillion Creek at Fort Crook (Site Number 06610795; HUC 10230006) which had an average monthly gage height mean ranging from 9.52 feet (October) to 12.48 feet (May) (USGS 1997, 2017d).

3.7.2 Groundwater

Significant groundwater resources in the area are part of the Lower Cretaceous aquifers, mainly a substrate of sandstone, to the west and north of the proposed area. Groundwater within the proposed area is not supplied by one aquifer, but is unconfined (Data.Gov, 2017). The closest USGS registered wells as part of the Nebraska Active Water Level Network is Station 410252095562201, which is approximately five miles south of the proposed area. This well is within HUC 10200202 with a hole depth of 81 feet in the alluvial aquifer. The most recent measurement of depth to water level below land surface in this well is 11.26 feet on 4/24/2017 (USGS, 2017c).

There are 20 groundwater wells within a half mile of the proposed area; however, none occur within the proposed area (see **Table 7**; NE DNR 2017b).

Table 7: Groundwater Wells within ½ Mile of the Proposed Area

Groundwater Well Number	Well Use	Well Status	Owner
G-078395	Monitoring	Active	United States Air Force
G-078396	Monitoring	Active	United States Air Force
G-078397	Monitoring	Decommissioned	United States Air Force
G-078394	Monitoring	Decommissioned	United States Air Force
G-127351M	Monitoring	Active	United States Air Force
G-114086	Ground Heat Exch-Clo Loop	Active	United States Air Force
G-001949	Irrigation	Active	HL Goodwin
G-079072	Monitoring	Active	Phillips 66
G-090345	Commercial/Industrial	Active	Sarpy County Sanitary Improvement District 171
G-090344	Commercial/Industrial	Active	Sarpy County Sanitary Improvement District 171
G-090343	Commercial/Industrial	Active	Sarpy County Sanitary Improvement District 171
G-097830	Monitoring	Active	Phillips Petroleum Company
G-106022A	Monitoring	Decommissioned	Kwik Shop Inc.
G-106022C	Monitoring	Decommissioned	Kwik Shop Inc.
G-106022B	Monitoring	Decommissioned	Kwik Shop Inc.
G-143260	Other	Active	United States Air Force
G-178098B	Monitoring	Decommissioned	Nebraska Department of Environmental Quality
G-178098D	Monitoring	Decommissioned	Nebraska Department of Environmental Quality
G-178098A	Monitoring	Decommissioned	Nebraska Department of Environmental Quality
G-178098C	Monitoring	Decommissioned	Nebraska Department of Environmental Quality

Source: (NE DNR 2017b)

3.7.3 Wetlands

The USACE defines wetlands as “those areas that are inundated or saturated with ground or surface water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted to life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas” (33 CFR Part 328). Wetlands are protected as a

subset of the “waters of the United States” under Section 404 of the Clean Water Act (CWA). Wetlands provide a variety of ecological services including soil stabilization, toxicant retention, and habitat for aquatic and terrestrial plants and animals. Per the National Wetlands Inventory (NWI), there are no wetlands in the proposed area. Additionally, during a site visit by biologists, no non-NWI potential wetlands were observed, therefore, no formal wetland delineation was conducted.

3.7.4 Floodplains

Floodplains are generally low areas adjacent to streams, rivers, or lakes prone to flooding. The Federal Emergency Management Agency (FEMA) identifies flood hazard areas on Flood Insurance Rate Maps (FIRM). FIRMs are primarily based on historic, meteorological, hydrologic, and hydraulic data and identify Special Flood Hazard Areas (SFHA). Base flood areas, or the 100-year floodplain, are delineated on FIRMs and given a SFHA label. An area within the 100-year floodplain has a 1-percent chance of flooding each year (FEMA 2016b). Moderate flood hazard areas are areas between the limits of the base flood and the 0.2 percent-annual-chance of flooding, or the 500 year flood (FEMA 2016b).

EO 11988 Floodplain Management requires federal agencies to assess the effects that their actions may have on floodplains. EO 11988 requires avoidance of long and short-term adverse impacts and direct and indirect floodplain development when possible. The EO states that “each agency shall provide leadership and shall take action to reduce the risk of flood loss, to minimize the impact of floods on human safety, health, and welfare, and to restore and preserve the natural and beneficial values served by flood plains in carrying out its responsibilities” (FEMA 2015). The proposed area is not within the 100-year or 500-year floodplain (**Figure 4**) (FEMA 2016a).

3.8 Biological Resources

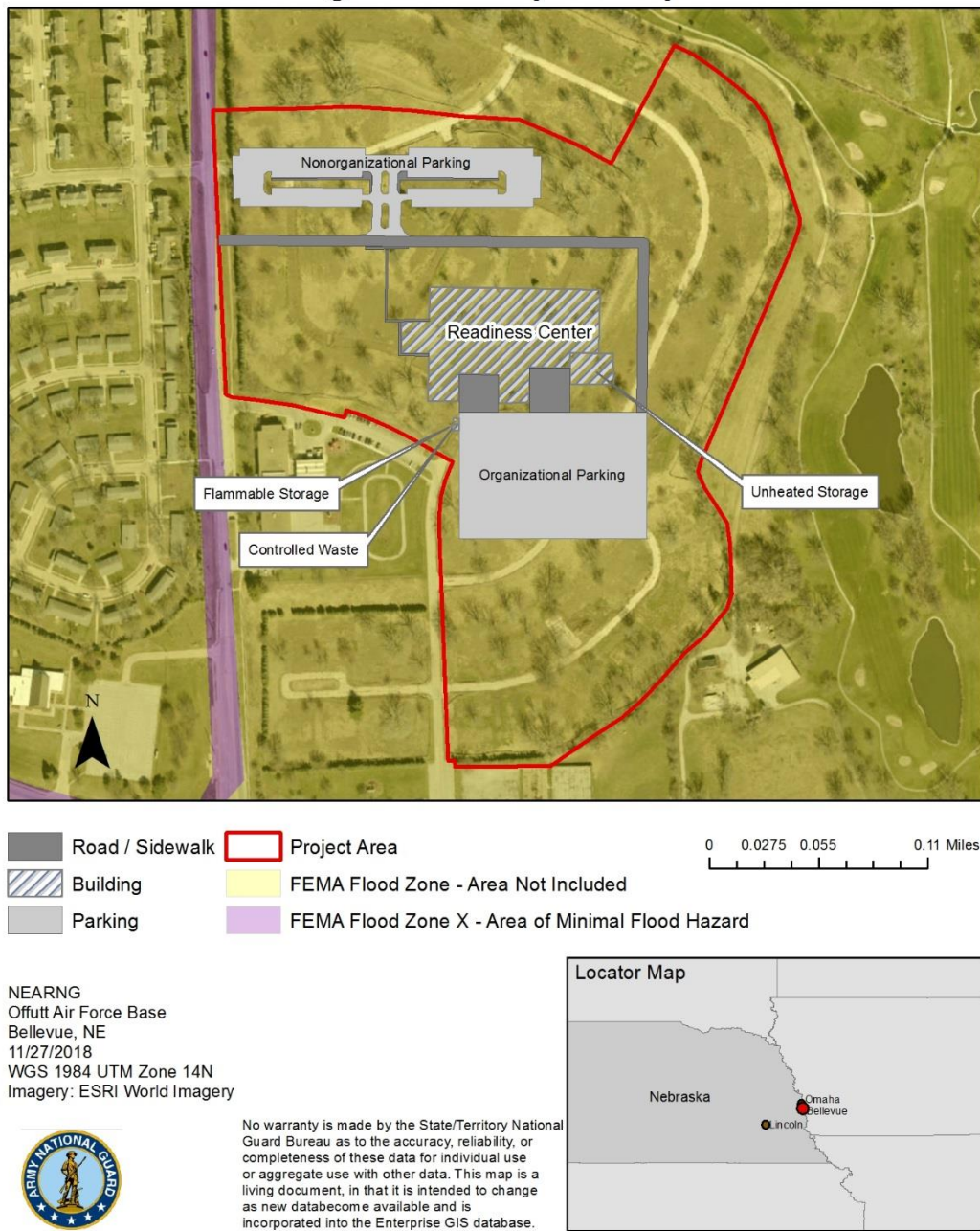
3.8.1 Vegetation

The proposed area would be located within the Western Corn Belt Plains of the Great Plains EPA ecoregion. Much of this region has been converted to cropland; however, it was historically covered in tall-grass prairie, forest, and wetlands (Auch 2016). Vegetation in the proposed area is similar to the woody dominant plant community of the nearby ecological site description of R102CY046NE – Sub irrigated (NRCS 2017) to the west. In addition to *Abies* spp. (fir species), the area is dominated by mixed deciduous trees such as *Acer saccharinum* (silver maple), *Populus* spp. (poplar and cottonwood), *Acer negundo* (boxelder), *Fraxinus pennsylvanica* (green ash), and *Quercus bicolor* (white oak). The proposed area also has ground cover of reclaimed native-grass mix.

There are documented occurrences of Nebraska at-risk species within three miles of the proposed area since 1975 including eight plants (NE NHP June 28, 2017; **Table 10**; **Appendix B**). The Nebraska Natural Heritage Program also has documented two natural communities within three-miles of the proposed area: Dry-Mesic Bur Oak Forest and Woodlands, and the Upland Tall Grass Prairie (NE NHP June 28, 2017; **Appendix B**).

3.8.2 Wildlife and Migratory Birds

Mammals that have been observed on OAFB are provided in **Table 8**. Birds observed near the proposed area include blackbirds, Canada geese (*Branta canadensis*), hawks, and gulls.

Figure 4. Floodplain Map

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Figure 4: Floodplain Map

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Table 8: Mammals Observed at OAFB

Common Name	Scientific Name
Coyote	<i>Canis latrans</i>
Domestic Cat	<i>Felis catus</i>
Raccoon	<i>Procyon lotor</i>
Red Fox	<i>Vulpes vulpes</i>
White-tailed Deer	<i>Odocoileus virginianus</i>

1095 The USAF and NEARNG are responsible under the Migratory Bird Treaty Act (MBTA), 50 CFR 21, and
 1096 EO 13186 (Responsibilities of Federal Agencies to Protect Migratory Birds) to promote, support, and
 1097 contribute to the conservation of migratory birds. The MBTA prohibits, unless permitted by regulations,
 1098 the pursuit, hunting, take, capture, killing or attempting to take, capture, kill, or possess any migratory
 1099 bird included in the Migratory Bird Treaty, including any part, nest, or egg of any such bird (16 USC
 1100 703). Per 50 CFR 21.15, Authorization of Take Incidental to Military Readiness Activities, the DoD is
 1101 authorized to incidentally take migratory birds in the course of military readiness activities, but with
 1102 limitations. The USAF and NEARNG must confer and cooperate with the USFWS to develop and
 1103 implement appropriate conservation measures for actions that, determined through the NEPA process,
 1104 may result in a significant adverse effect on a population of migratory bird species. In addition to
 1105 migratory bird regulations discussed above, the Bald and Golden Eagle Protection Act (BGEPA)
 1106 specifically protects bald and golden eagles, which are also migratory birds. BGEPA of 1940 (Public
 1107 Law 87-884; 16 USC §668a-d) prohibits the taking or harming (i.e., harassment, sale, or transportation)
 1108 of bald eagles (*Haliaeetus leucocephalus*) or golden eagles (*Aquila chrysaetos*), including their eggs,
 1109 nests, or young, without the appropriate permit.

1110 Bald eagles are most frequently seen soaring or roosting in trees adjacent to the waterbodies in which
 1111 they hunt for fish (Cornell Lab of Ornithology n.d.). Due to the proximity of the proposed area to the
 1112 Missouri River and the Platte River which is within the winter range of the bald eagle, this species is
 1113 likely to occur near or over the proposed area. There are trees in the proposed area which are potential
 1114 roosting or nesting habitat for the bald eagle. Roosting or nesting would more likely occur along the
 1115 Platte or Missouri Rivers, roughly 4.5 and 4 miles from the proposed area, respectively.

1116 EO 13186 requires each Federal Agency to develop a Memorandum of Understanding (MOU) with the
 1117 USFWS that promotes the conservation of migratory birds. Effective in July 2006, the MOU between
 1118 DoD and USFWS outlines a collaborative approach to promote the conservation of migratory bird
 1119 populations. This MOU specifically pertains to actions that are not classified as military readiness
 1120 activities and places emphasis on migratory bird species of concern (SOC), which are species that may
 1121 experience greater degrees of impacts from direct or indirect disturbances. These SOC are identified in
 1122 **Table 9** below. The NEPA process is used to assess the direct and indirect impacts of a Proposed
 1123 Action on migratory birds, and their habitat, within the proposed area.

1124 There are also documented occurrences of four Nebraska at-risk bird species within three miles of the
 1125 proposed area since 1975 (NE NHP June 28, 2017; **Table 10; Appendix B**).

1126

Table 9: Migratory Bird Species of Concern near OAFB

Common Name	Scientific Name
Arcadian flycatcher	<i>Empidonax virescens</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Bell's vireo	<i>Vireo belii</i>
Black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>
Black-crowned night-heron	<i>Nycticorax nycticorax</i>
Cerulean warbler	<i>Dendroica cerulea</i>
Dickcissel	<i>Spiza americana</i>
Field sparrow	<i>Spizella pusilla</i>
Golden eagle	<i>Aquila chrysaetos</i>

Common Name	Scientific Name
Grasshopper sparrow	<i>Ammodramus savannarum</i>
Harris's sparrow	<i>Zonotrichia querula</i>
Henslow's sparrow	<i>Ammodramus henslowii</i>
Hudsonian godwit	<i>Limosa haemastica</i>
Kentucky warbler	<i>Oporornis formosus</i>
Least bittern	<i>Ixobrychus exilis</i>
Loggerhead shrike	<i>Lanius ludovicianus</i>
Northern flicker	<i>Colaptes auratus</i>
Peregrine falcon	<i>Falco peregrinus</i>
Red-headed woodpecker	<i>Melanerpes erythrocephalus</i>
Rusty blackbird	<i>Euphagus carolinus</i>
Short-eared owl	<i>Asio flammeus</i>
Swainson's hawk	<i>Buteo swainsoni</i>
Upland sandpiper	<i>Bartramia longicauda</i>
Willow flycatcher	<i>Empidonax traillii</i>
Wood thrush	<i>Hylocichla mustelina</i>
Source: USFWS IPaC Assessment 2017	

3.8.3 Endangered and Threatened Species

The USFWS administers the Endangered Species Act (ESA) of 1973 as amended. This law provides federal protection for species designated as federally endangered or threatened. An endangered species is "in danger of extinction throughout all or a significant portion of its range," and a threatened species "is likely to become an endangered species within the foreseeable future" (USFWS 1988). Special status species are listed as either threatened or endangered, proposed for listing, or are candidates for listing by the state and/or federal government. Under the authority of Neb.Rev.Stat. §37-807 (3) of the Nebraska Nongame and Endangered Species Conservation Act, species of wildlife and plants normally occurring within this state which may be found to be threatened or endangered within this state shall be accorded such protection as is necessary to maintain and enhance their numbers. This provides additional protection to rare species in Nebraska that are not listed under the ESA. Special status species near the project area are listed in **Table 10**.

Table 10: Special Status Species near the Proposed Area

Birds	Within 3 mi ¹	State Status ¹	Federal Status ²
Cerulean warbler (<i>Setophaga cerulea</i>)	X	Tier 1 (S2)	
Piping plover (<i>Charadrius melodus</i>)		Threatened	Threatened
Interior least tern (<i>Sternula antillarum athalassos</i>)		Endangered	Endangered
Yellow-throated vireo (<i>Vireo flavifrons</i>)	X	Tier 2 (S3)	
Bell's vireo (<i>Vireo bellii</i>)	X	Tier 1 (S4)	
Louisiana waterthrush (<i>Parkesia motacilla</i>)	X	Tier 2 (S1)	
Fish			
Sturgeon chub (<i>Macrhybopsis gelida</i>)		Endangered	
Pallid sturgeon (<i>Scaphirhynchus albus</i>)		Endangered	Endangered
Lake sturgeon (<i>Acipenser fulvescens</i>)		Threatened	
Plants			
Western prairie fringed orchid (<i>Platanthera praeclara</i>)		Threatened	Threatened
American ginseng (<i>Panax quinquefolius</i>)		Threatened	
Pale Indian-plantain (<i>Arnoglossum atriplicifolium</i>)	X	Tier 2 (S4)	
Clasping-leaf milkweed (<i>Asclepias amplexicaulis</i>)	X	Tier 2 (S1)	
Autumn coral-root (<i>Corallorhiza odontorhiza</i>)	X	Tier 2 (S1?)	
Michigan lily (<i>Lilium michiganense</i>)	X	(S2S4)	
Indian-pipe (<i>Monotropa uniflora</i>)	X	Tier 2 (S1)	

Black-seed Ricegrass (<i>Patis racemosa</i>)	X	Tier 2 (S2)	
Rock elm (<i>Ulmus thomasi</i>)	X	(S2S4)	
Ohio buckeye (<i>Aesculus glabra</i> var. <i>arguta</i>)	X	Tier 2 (S1S2)	
Mammals			
Northern long-eared bat (<i>Myotis septentrionalis</i>)		Threatened	Threatened
River otter (<i>Lontra canadensis</i>)		Threatened	
¹ Nebraska Natural Heritage Program Consultation (NE NHP 2017) ² USFWS S1=Critically imperiled in the state because of extreme rarity or because of some factor(s) making it especially vulnerable to extirpation from the state S2=Imperiled in the state S3= Rare and uncommon in the state S4= Widespread, abundant, and apparently secure in the state, with many occurrences, but is of long-term concern. S5= Demonstrably widespread, abundant, and secure in the state S2S4= A range between two of the numeric ranks. Denotes a range of uncertainty about the exact rarity			

3.8.3.1 Birds

3.8.3.1.1 Cerulean Warbler

A small, canopy-dwelling bird, the cerulean warbler has a sky-blue or green-blue back with the same color of stripes down the wings with two broad, white wing bars. This species nests and forages in forests with tall deciduous trees and open understory and feeds mainly on insects. This species has been recorded within 3-miles of the proposed area, and there are sets of deciduous forest clumps in the proposed area for minimal habitat (Cornell Lab of Ornithology n.d.).

3.8.3.1.2 Piping Plover

The piping plover is a small, long legged shorebird with one black or brown band on the chest. This species nests and forages on open sandy beaches and alkali flats. As there are no sandy beaches within the proposed area, it is highly unlikely that this species would be observed in the proposed area, except if seen flying nearby during migration (Cornell Lab of Ornithology n.d.).

3.8.3.1.3 Interior Least Tern

A small, ground nesting bird, least terns have a black cap during breeding season and a black eye strap. In Nebraska, this species may be found near lakes and rivers, nesting on sandy and gravelly beaches. Least terns eat fish and forage over open water (Cornell Lab of Ornithology n.d.). There is no nesting or foraging habitat for least terns within the proposed area, however, due to the proximity of the Platte and Missouri Rivers, they may be observed flying in or near the proposed area.

3.8.3.1.4 Yellow-throated Vireo

The yellow-throated vireo is a small songbird has olive green upperparts with a bright yellow throat and two white wing bars. This species is found mainly in the forest edge of mixed deciduous forest blocks larger than 250 acres foraging on insects, fruit, and seeds. Although it has been observed within 3 miles of the project area, it is unlikely that this species would be observed in the project area due to the small size and density of the forest (Cornell Lab of Ornithology n.d.).

3.8.3.1.5 Bell's Vireo

A small, drab-green colored songbird, the Bell's Vireo has one prominent wing bar with a fainter one above. This insectivorous species dwells in dense, shrubby vegetation in woodlands or brushlands, often near water. As there is no water in the proposed area, it is unlikely this species would be observed in the proposed area, except if seen flying nearby during migration (Cornell Lab of Ornithology n.d.).

3.8.3.1.6 Louisiana Waterthrush

The Louisiana waterthrush is a small songbird with a brown back and a white underside with dark stripes. This species forages on insects and nests on the ground near gravel-bottomed streams. As

there are no streams in the proposed area, it is unlikely this species would be observed in the proposed area, except if seen flying nearby during migration (Cornell Lab of Ornithology n.d.).

3.8.3.2 Fish

3.8.3.2.1 Sturgeon Chub

Sturgeon chub are found in medium to big rivers with high turbidity and low gradients. No habitat for this species occurs within the proposed area.

3.8.3.2.2 Pallid Sturgeon

Hatchery reared pallid sturgeon can be found in the lower Platte River and are found in the Missouri River in Nebraska. No habitat for this species occurs within the proposed area.

3.8.3.2.3 Lake Sturgeon

The lake sturgeon is found in the Missouri and Mississippi rivers where there is a low gradient. No habitat for this species occurs within the proposed area.

3.8.3.3 Mammals

River Otter

This large mammal can be found in rivers, streams, lakes, or ponds. These species may travel long distances over land but are generally found near the waterbodies in which they hunt (NatureServe 2015a). This species may occur in the Platte River, which is 4.5 miles south of the proposed area but has not been recorded within three miles of the proposed area.

3.8.3.3.1 Northern Long Eared Bat

This tree-roosting bat species under threatened status due to white-nose syndrome which has caused decline of 99% of the species in the Northeast. The proposed area is within the northern long-eared bat's range and trees are present that could serve as roosting sites.

3.8.3.4 Plants

3.8.3.4.1 Western Prairie Fringed Orchid

A terrestrial member of the orchid family, this species is most frequently found in calcareous prairies and sedge meadows (USFWS 2016). This species is unlikely to occur due to the lack of suitable habitat and overall disturbed nature of the proposed area.

3.8.3.4.2 American Ginseng

This low growing herbaceous plant occurs in moist forest with a closed canopy. Usually American ginseng is found on slopes and moist ravines of mixed-hardwood dominated forests. This plant is considered threatened due to over harvesting (NatureServe 2015b). This species is unlikely to occur in the proposed area as there is no suitable habitat.

3.8.3.4.3 Pale Indian-plantain

This perennial herb with whitish flowers grows in dry, open woods throughout the Midwest and eastern US (University of Texas, 2017). This species is unlikely to occur in the proposed area due to the overall disturbed nature and no suitable habitat.

3.8.3.4.4 Claspingleaf Milkweed

This perennial herb with opposite leaves and an umbel inflorescence grows in sandy soils in open fields throughout the Midwest and eastern US (University of Texas, 2017). This species is unlikely to occur in the proposed area due to the overall disturbed nature and no suitable habitat.

3.8.3.4.5 Autumn Coral-root

This saprophytic herb grows 20 cm tall with pinkish flowers in an upland hardwood forest habitat (NatureServe 2015b). This species is unlikely to occur in the proposed area due to the overall disturbed nature and no suitable habitat.

1216 **3.8.3.4.6 Michigan Lily**

1217 This single-stemmed, perennial herb has orange leaves arranged in whorls and grows low to the ground
1218 in wet meadows (University of Texas, 2017). This species is unlikely to occur in the proposed area due
1219 to the overall disturbed nature and no suitable habitat.

1220 **3.8.3.4.7 Indian-pipe**

1221 This non-green herb is a parasite that grows on the roots of pines. It is known to grow in moist forests
1222 *Pinus*, *Abies*, and *Quercus* (NatureServe 2015b). This species is unlikely to occur in the proposed area
1223 due to the overall disturbed nature and no suitable habitat.

1224 **3.8.3.4.8 Black-seed Ricegrass**

1225 This grass species grows in calcareous and mafic woodlands and forests (NCBG, 2016). This graminoid
1226 is unlikely to occur in the proposed area due to the overall disturbed nature and no suitable habitat.

1227 **3.8.3.4.9 Rock Elm**

1228 This tree grows mainly rocky ridges or limestone bluffs, uplands, or flatlands (University of Texas, 2017).
1229 This species is unlikely to occur in the proposed area due to the overall disturbed nature and no suitable
1230 habitat.

1231 **3.8.3.4.10 Ohio Buckeye**

1232 This tree grows mainly in moist sand, limestone, or granite soils in wooded ravines or hillsides
1233 (University of Texas, 2017). This species is unlikely to occur in the proposed area due to the overall
1234 disturbed nature and no suitable habitat.

1235 **3.9 Cultural Resources**

1236 Cultural resources include historic properties, prehistoric sites and artifacts, archaeological resources,
1237 sacred sites, and historic and prehistoric collections and associated records. NEPA requires
1238 consideration of “important historic, cultural, and natural aspects of our natural heritage.” Consideration
1239 of cultural resources under NEPA includes the necessity to independently comply with the applicable
1240 procedures and requirements of other federal and state laws, regulations, EOs, presidential
1241 memoranda, and ARNG guidance.

1242 Based on consultation to date, no historic properties would be affected by the Proposed Action. As a
1243 proponent of the Proposed Action, the NEARNG reviewed historic properties and archaeological sites.
1244 The NEARNG also consulted with the NSHS and has concurrence from the NSHS that no historic
1245 properties would be affected (Appendix B: Agency Coordination and Public Involvement). Review of the
1246 National Register of Historic Places indicated that the closest historic structures to the proposed area
1247 are Fort Crook Historic District and a blacksmith shop, both located approximately 1.5 miles east from
1248 the proposed area in OAFB.

1249 The Omaha Tribe was the primary occupant in the Bellevue area in 1854, primarily concentrated along
1250 the Missouri River and westward approximately 40 miles. Conflicts with the Sioux forced the Omaha
1251 tribe to retreat to an area around Bow Creek, Nebraska. Their primary villages were at Bellevue and
1252 Homer, Nebraska, along with small settlements up and down the Missouri River. The Omaha were
1253 considered hunters and farmers, cultivating a number of crops including corn, beans, and melons
1254 (Native American Nations, 2018).

1255 The site was previously a housing development that was demolished in 2014 and thus has been
1256 completely disturbed. If historic or prehistoric resources are present, they would have been disturbed
1257 during the development of the housing and or during demolition and reclamation of the site.

1258 Based on concurrence from NSHS, consultation to date, and the construction and demolition of the
1259 housing development in the project area, there are no known Traditional Cultural Properties on or near
1260 the proposed project site.

3.10 Public and Occupational Health and Safety

The OAFB Security Forces are responsible for police services on the base, and have the Bellevue Police Department, a full-service law enforcement agency, as back up for base housing areas. The main Bellevue police department building is located approximately three miles northeast of the proposed area. OAFB has its own fire department, but the Bellevue Fire Department has a fire station on South 25th approximately one mile south of the proposed area.

The closest medical facility to the area is the 55th Medical Group, Ehrling Bergquist Clinic that is available to military personnel during weekdays only. It is located on the southwest corner of South 25th Street and Capehart road approximately ½ mile south of the proposed area. The closest hospital with 24-hour, seven days a week service is Nebraska Medicine Bellevue, which has 55 inpatient beds and 250 specialists on staff. This facility is located at the southwest corner of South 25th Street and Hwy 370 approximately one mile to the north of the proposed area. CHI Health Clinic Internal Medicine/Pediatrics Bellevue is also close, being only two miles northwest of OAFB. CHI Health Clinic Internal Medicine/Pediatrics Bellevue is the region's largest healthcare system.

3.11 Socioeconomics

The following subsections identify and describe the socioeconomic environment surrounding the proposed area. Presented data provide an understanding of the socioeconomic factors that have developed in the area. In addressing socioeconomics, the ROI was considered the City of Bellevue. However, Sarpy County and the State of Nebraska were used for comparison purposes. Socioeconomic areas of discussion include the local demographics, regional and local economy, local housing, and local recreation activities. Data used in preparing this section was collected from the 2015 American Community Survey, Nebraska Department of Labor, University of Nebraska - Lincoln (US Census Bureau 2015; NE DOL, 2017; Thompson *et al.*, 2008).

3.11.1 Population Demographics

The population of Sarpy County was 122,595 in 2000 and 156,696 in 2010 – an increase of 28%. The State of Nebraska had a population of 1,826,341 in 2010, an overall increase of 7% from 2000, slightly less than the overall 9.3% increase in US population over the same period. The City of Bellevue's population increased by 13% between 2000 (44,382) and 2010 (50,137) (US Census Bureau n.d.). Population projections predict that state and county populations will increase over the next two decades (see **Table 11**).

Table 11: Sarpy County and State Population Projections

Year	State of Nebraska ¹	Sarpy County ²
2010	1,826,341	156,696
2020	1,943,452	191,540
2030	2,053,788	224,709
Projected Change, 2010-2030 (%)	12.5%	43.4%
Sources: ¹ University of Nebraska – Omaha - Drozd and Deichert 2015; ² UNL Bureau of Business Research and Thompson et al. 2008		

3.11.2 Regional Economy

The labor force in 2015 was 94,952 in Sarpy County. Regional economic information is provided in **Table 12**. The top three industry types in the region are: (1) education services, health care and social assistance (23.7%); (2) retail trade (11.1%); and (3) finance and insurance, and real estate and rental and leasing (9.3%). These industries employ 44.1% of the civilian labor force in Sarpy County (US Census Bureau 2015).

Per capita and median household income statistics from the 2015 American Community Survey indicate that Bellevue has lower incomes in comparison to Sarpy County but higher incomes in comparison to

the State of Nebraska. Additionally, poverty levels for Bellevue are higher than the overall levels for Sarpy County but lower than those of the State (US Census Bureau 2017).

The US unemployment rate in May 2017 was 4.3%. Sarpy County had an unemployment rate of 2.7% in April 2017. The overall state unemployment rate is 2.9% (Nebraska Department of Labor). As of March 2017, the city of Bellevue unemployment rate was 3.3%.

Table 12: Regional Income

Area	Number of Households	Median Household Income	Per Capita Income	Unemployment Rate (%)
State of Nebraska	721,130	52,997	27,882	2.9 (May 2017)
Sarpy County	61,983	70,543	30,902	2.7 (Apr 2017)
Bellevue	20,598	57,719	26,875	3.3 (Mar 2017)
Sources: US Census Bureau 2015, Nebraska Department of Labor, 2011-2015 American Community Survey, US Bureau of Labor Statistics / Federal Reserve Economic Data				

3.11.3 Housing

Median home values in the State of Nebraska are lower than Sarpy County and City of Bellevue. Owner occupancy rates are higher in Sarpy County than in Bellevue or Nebraska. Overall occupied housing for Sarpy County and Bellevue are both higher than that of the state of Nebraska, with Sarpy County having the highest overall occupancy rate of 96%. **Table 13** presents selected housing characteristics for the areas surrounding the proposed area and OAFB.

Table 13: Housing Characteristics

Area	Housing Units Available	Occupied (%)	Owner-Occupied (%)	Median Value	Median Home Mortgage	Renter-Occupied (%)	Median Contract Rent
State of Nebraska	827,156*	91.0	66.2	133,200	1,270	33.8	726
Sarpy County	67,841*	96.0	69.8	163,800	1,474	30.2	868
Bellevue	20,591**	95.0	64.2	135,600	1,268	35.8	852
Sources: Census.gov 2011-2015, *2016, **2010							

3.11.4 Schools

Fort Crook Elementary School is located adjacent of the proposed area to the west. Fort Crook Elementary School has 328 students. Fort Crook Elementary School has a lower rate of students eligible for free or reduced lunch compared to public schools in the State of Nebraska, but a higher rate than that of Bellevue.

Embry-Riddle Aeronautical University, Metropolitan Community College, and Bellevue University are all located within about 3 miles northeast of the proposed area.

Per the 2011-2015 American Community Survey 5-Year Profile statistics, Sarpy County has a higher percentage of individuals with a post-secondary degree and high school diploma compared with the State of Nebraska and Bellevue. **Table 14** provides regional educational attainment for persons 25 years and older.

Table 14: Regional Educational Attainment of Persons 25 Years and Older

Area	No Diploma (%)	High School Graduates (%)	Post-Secondary Graduates (%)
State of Nebraska	9.3	90.7	39.2
Sarpy County	4.6	95.4	46.6
Bellevue	7.2	92.8	37.3
Source: 2011-2015 American Community Survey 5-Year Profiles			

3.11.5 Shops and Services

Commercial shops and services are available in Bellevue with businesses 0.2 miles south of the proposed area. Most shops and services are in the central part of Bellevue, about 4 miles northeast of the proposed area.

3.11.6 Recreational Facilities

Recreational areas nearby include the Willow Lakes Golf Course adjacent to the east, Tregaron Golf Course to the south, and city parks to the north. Fontenelle Forest Nature Center and Giffort Point WMA are four miles north and five miles northeast of OAFB, respectively. Additionally, two recreational wildlife areas occur 14 miles to the southeast of the proposed area including the 1500-acre Schilling Wildlife Management Area encompassing the confluence of the Missouri and Platte Rivers to the southeast and the 53-acre Pony Creek Conservation Park to the southeast in Iowa.

3.12 Infrastructure

All infrastructure needs are already present on the proposed area as this was housing for OAFB until it was demolished and reclaimed in 2014. Infrastructure resources that would be re-connected and/or constructed include potable water supply, wastewater treatment, energy sources, solid waste disposal, and transportation systems.

Water supply would be provided by Metropolitan Utilities District in Omaha and provides over 90 million gallons of water per day. Wastewater treatment would be provided by the Papillion Creek Wastewater Treatment Plant of the Omaha Metropolitan Area. The City's waste water system serves 450,000 people with an average daily flow of 60 million gallons per day (City of Omaha, 2017). Electricity and natural gas at OAFB is provided by Omaha Public Power District and Black Hills Energy, respectively. Natural gas to the housing area would be provided by Metropolitan Utilities District. Telecommunications (cable, phones, and Internet) are supplied by CenturyLink and Cox Communications.

The main roadways traversing through the City of Bellevue include US Route 75 and Nebraska Hwy 370. Roads within OAFB, excluding the public access and parking areas, include both paved and gravel roads, which are not accessible to the public.

OAFB has one air traffic control tower. Aircraft that use this airport include single-engine aircraft, multi-engine aircraft, jet aircraft, and helicopters. Aircraft operations are 100% military use. Average aircraft operations are 168 per day. The air traffic control tower and airfield are open and operate 24 hours a day, seven days a week, except during scheduled or emergency maintenance operations.

The primary runway is 11,703 feet long and 150 feet wide with grooved concrete pavement. This runway is oriented in a northwest-southeast direction with a heading of 124 magnetic and 129 true north. Runway elevation ranges from 972 feet to 1049 feet (AirNav 2017).

3.13 Hazardous and Toxic Materials/Wastes

HTWM or substances are generally defined as materials or substances that pose a risk (through either physical or chemical reactions) to human health or the environment. The 42 U.S.C. §6901 et seq. known as the Resource Conservation and Recovery Act, gives the EPA the authority to control hazardous waste from the "cradle-to-grave" (US EPA 2017). Regulated hazardous substances and petroleum products are identified through several federal laws and regulations. The Proposed Action would include a Controlled Waste Facility Center, and waste/sewer utilities. The design of the readiness center, where

appropriate, would comply with EO 13423 regarding reduction, elimination, and disposal of hazardous materials. In compliance with EO 13514, the design of the facilities would incorporate sustainability and green building design principles (DOD 2015).

The proposed location's existing conditions include roadways and reclaimed land after a housing development was demolished in 2014. There are no hazardous or toxic materials at the proposed site. OAFB has its own Solid Waste and Hazardous Waste Management Plans.

4 Environmental Consequences

This section of the EA describes the potential environmental consequences resulting from implementation of the preferred alternative on OAFB and the No Action Alternative, including implementation of BMPs. Baseline data were compiled from consultation with facility personnel, queries of resource-specific databases, and previous environmental documents prepared by or for nearby local municipalities and Federal agencies. Cumulative effects are included with the ROI of the City of Bellevue. Surrounding projects considered are discussed below in **Section 5**.

4.1 Land Use

4.1.1 Effects of Proposed Action

Significant impacts to land use from the Proposed Action would occur if the Proposed Action required a land use reclassification from a wildlife, agricultural, or recreational land use to commercial or industrial land use. However, the current classification is not identified as wildlife, agricultural or recreational, and thus significant impacts would not occur.

The Proposed Action would result in short-term and long-term, less-than-significant adverse effects to land use and cover. Under the Proposed Action, the permanent impact areas would include approximately 11 acres of previously disturbed land which has been reclaimed. Per the USAF Installation Development Plans for Land Use and proposed layout of the readiness center, the 11 acres of land that would be permanently impacted includes Open Space / Buffer Zone (USAF 2018). The land use for this area was previously a housing development but is currently undeveloped since the demolition of the housing development in 2014. The Proposed Action would alter the 11 acres of land use from disturbed Open Space / Buffer Zone to Industrial. With the land use category changing from Open Space / Buffer Zone to Industrial, activities such as traffic would increase over the current levels. As shown in **Figure 2**, the adjacent land use categories include Housing Accompanied, Community Service, Community Commercial, and Outdoor Recreation. These adjacent areas include a golf course, a school, commercial structures, traffic corridors, and residential areas.

4.1.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC would not be constructed; therefore, there would be no impacts to land use or land cover. With selection of the No Action Alternative, the purpose and need described in **Section 1** would not be met.

4.1.3 Mitigation Measures

No mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.2 Air Quality

4.2.1 Effects of Proposed Action

Significant impacts to air quality from the Proposed Action would occur if the Proposed Action resulted in an exceedance of NAAQS or in emissions sufficient to cause the area to become a non-attainment area with NAAQS. The USAF Air Conformity Applicability Model (ACAM) was run to assess the potential air quality impacts associated with the proposed action in accordance with the Air Force Instruction 32-

1409 7040, Air Quality Compliance and Resource Management, the EIAP for USAF (32 CFR 989), and the
1410 General Conformity Rule (40 CFR 93 Subpart B).

1411 Based on the results of the ACAM analysis, pollutants generated during the construction and operation
1412 of the RC would not exceed EPA General Conformity Rule air quality indicator thresholds. The ACAM
1413 output reports are provided in **Appendix C**. Thus, air emissions generated from implementation of the
1414 Proposed Action would result in less-than-significant short-term adverse impacts. Long-term impacts to
1415 air quality conditions would be less-than-significant. Implementation of this Alternative would include
1416 additional training activities in the area which would correspond with the projected increase in local
1417 fugitive air emissions (**Section 3.4.1**).

1418 Direct impacts associated with implementing the Proposed Action Alternative would include less-than-
1419 significant short-term local increases in air emission levels because of construction activities. Long-term
1420 but minor increases in air emissions would result from increased traffic to and from the readiness center.
1421 Regional air emissions levels would not result in a net increase as the travel to the RC is not increasing
1422 but transferring from the previous RCs in Nebraska City and Wahoo to the proposed Bellevue RC. Air
1423 pollutant generating sources present during construction activities would be associated primarily with
1424 standard construction equipment performing excavation, grading, and structure construction. Dust
1425 emissions can vary substantially daily depending on levels of activity, specific operations, and prevailing
1426 meteorological conditions. Increased PM10 emissions resulting from the proposed construction would
1427 comprise short-term, localized, adverse impacts that could be managed through standard dust
1428 minimization practices. A minor increase in fugitive dust and vehicular engine emissions would be
1429 expected.

1430 The NEARNG would ensure dust control is minimized and the potential for adverse air quality impacts
1431 are managed or eliminated, by implementing typical dust-control BMPs, as applicable (**Section 5.3**).
1432 These dust-reducing measures would be briefed to the contractor at the construction kick-off meeting.
1433 The NEARNG's on-site construction manager would be responsible to bring air quality issues, if they
1434 arise, to the NEARNG for resolution.

1435 Less-than-significant long-term adverse operational air quality impacts are expected (**Appendix C**).
1436 Local long-term impacts from site activities would be associated with increased vehicle traffic and
1437 additional insignificant emissions from routine facility maintenance and operations. Operation of the
1438 proposed RC would include administrative activities (e.g., personnel processing, recruiting), individual
1439 training, large-group training event coordination (e.g., drill weekends), and logistics (e.g., inventory,
1440 accounting, control of equipment assigned to the unit). During these operational activities, the primary
1441 air pollutant emissions would result from the introduction of additional vehicular traffic to and from the
1442 proposed site. The Proposed Action Alternative would provide an additional 112 parking spots for the
1443 facility and may therefore increase traffic and car emissions in the area. However, regional greenhouse
1444 gas emissions related to vehicular use are anticipated to remain the same or be lower because the old
1445 RCs that would be replaced are in Wahoo and Nebraska City, which are 50 miles west and 45 miles
1446 south from the site, respectively. Relocating the RC closer to the largest metropolitan area in Nebraska
1447 (Omaha) would reduce the need to drive farther to use the older readiness centers.

1448 Construction of the proposed facilities on the Proposed Action site would require a general construction
1449 permit to be filed with the NDEQ. Fugitive dust would be controlled to standards established in the
1450 NDEQ regulations and detailed in the construction permit. Adverse impacts on air quality as a result of
1451 implementation of the Proposed Action would not be significant. The Proposed Action would not cause
1452 an exceedance of the NAAQS and would occur in an area currently in full attainment with NAAQS. No
1453 significant adverse impacts to air quality would occur as a result of implementing the Proposed Action.

4.2.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC and associated infrastructure (e.g., parking) would not be constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts to air quality would occur if the No Action Alternative were selected.

4.2.3 Mitigation Measures

No mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.3 Noise

4.3.1 Effects of Proposed Action

Significant impacts to noise would occur if noise levels from the Proposed Action would exceed the Federal Highway Administration's (FHWA) Construction Noise General Assessment Criteria for Residential Land Use. Daytime and Nighttime criteria are 90 dB L_{eq} and 80 dB L_{eq} over a period of one hour, respectively.

Noise generation would be typical of construction activities, and short-term less-than-significant adverse impacts would occur during construction with implementation of appropriate BMPs (**Section 2.2.3; Omaha Law Library, 2001**). There would also be long-term, less-than-significant adverse impacts due to increased noise levels associated with traffic and training site usage. Construction and operation of the proposed RC and associated infrastructure (e.g., parking) at the proposed site would have less-than-significant, short-term adverse effects on the noise environment of the immediate and surrounding area. Use of heavy equipment for site preparation and development (e.g., vegetation removal, grading and backfill) would generate short-term noise exposure above typical ambient levels at the site.

According to Air Force Instruction 32-7070 (Air Force Noise Program) section 3.2.10, the proper construction noise reference/methodology is the 2006 FHWA Construction Noise Handbook. This handbook describes the methodology to determine noise impacts associated with construction equipment and specifies to determine the two loudest pieces of construction equipment working simultaneously (Bull Dozer, 85 decibels (dB) at 50 feet, and Dump Truck, 84 dB at 50 feet) and calculate the resulting noise level (88 dBA-weighted [dBA] at 50 feet). It is assumed that construction would take place during a normal working week (Monday through Friday) and during normal working hours (i.e., 8:00 AM to 5:00 PM).

Using the stationary source distance attenuation noise calculation of:

$$L(dBA) = L_r - 20 \cdot \log(d_2/d_1)$$

L = noise level at sensitive receptor

L_r = noise level of at reference distance

d_1 = reference distance

d_2 = distance to sensitive receptor

The proposed construction noise levels are depicted in **Table 15** with the nearest sensitive receptors. Noise levels from proposed construction activities would not exceed the FHWA Construction Noise General Assessment Criteria (**Table 16**) or Detailed Assessment Criteria (**Table 17**).

Table 15 Construction Noise Levels at the Nearest Receptors

Receptor	Construction	Distance (feet)	Noise Level (dBA)
School Building	Organization Paved Parking	350	71
School Building	Readiness Center	350	71
Residential Property Line	Readiness Center	550	67
Residential Property Line	Non-organization Paved Parking	150	78

Table 16. FHWA Construction Noise General Assessment Criteria

Land Use	One-hour L_{eq} (dBA)	
	Day	Night
Residential	90	80
Commercial	100	100
Industrial	100	100

Table 17. FHWA Construction Noise Detailed Assessment Criteria

Land Use	Eight-hour L_{eq} (dBA)	
	Day	Night
Residential	80	70
Commercial	85	85
Industrial	90	90

Operation of the RC would include administrative activities (e.g., personnel processing, recruiting), classroom training, large-group training event coordination (e.g., drill weekends), and logistics (e.g., inventory, accounting, control of equipment assigned to the unit). An increase in traffic and traffic-related noise due to operation and use is anticipated following construction of the Proposed Action. The closest residential receptor is approximately 150 feet to the west. At this distance, it is unlikely the noise associated with increased traffic would be noticeable.

No other noise-generating activities would be associated with the occupation and use of the proposed facilities. The Proposed Action would result in less-than-significant adverse effects on the noise environment, as the sensitive receptors (e.g., school, residential areas) in the area are already accustomed to the traffic noise associated with US Hwy 75, Capehart Road and OAFB. The increase in traffic-related noise associated with the Proposed Action would be insignificant compared to the existing ambient noise levels in the area. Implementation of the Proposed Action would have less-than-significant adverse impacts to noise.

4.3.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC and associated infrastructure (e.g., parking) would not be constructed; consequently, the purpose and need described in **Section 1** would not be met. No noise-related impacts would occur if the No Action Alternative were selected.

4.3.3 Mitigation Measures

No mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.4 Topography, Geology, and Soils and Prime Farmland

4.4.1 Effects of Proposed Action

Significant impacts to topography would occur if the Proposed Action results in unstable slopes and changes in surface flow patterns causing adverse effects such as flooding or landslides.

Significant impacts to geology would occur if the Proposed Action caused significant increase in seismic activities, subsidence, or rockfall.

No impacts to geology or bedrock (i.e., deep excavation) are proposed or anticipated. Under the Proposed Action, approximately 20 acres of surface area would be impacted with approximately 11.0 acres of the land permanently disturbed. Implementation of the Proposed Action would require grading of soils with some fill material likely, but major changes in topography and drainage patterns would not be expected.

No geologic hazards are apparent in the proposed area and would not be expected to impact human health because of the proposed implementation. Based on currently available data, no active significant

1530 faults are known to extend through the proposed area subsurface geology. As such, no impacts
 1531 associated with seismic hazards are identified. No significant impacts to mineral resources would be
 1532 anticipated, as none of the Proposed Action components would involve the commercial extraction of
 1533 mineral resources or would affect mineral resources considered important on a local, state, national, or
 1534 global basis.

1535 During construction, less-than-significant direct short-term impacts may occur with the potential to
 1536 increase soil erosion at the proposed readiness center, parking lot, roads, utility lines and other
 1537 proposed components. Construction would remove vegetative cover, disturb the soil surface, alter the
 1538 soil structure, and compact the soil. The soil would be susceptible to erosion by wind and surface runoff
 1539 during construction. Exposure and erosion of the soils during construction has the potential to result in
 1540 increased sedimentation in off-site surface waters. Impacts to soils would be minimized through
 1541 implementation of BMPs. Short-term disturbance areas would be regraded and revegetated, thus
 1542 minimizing the length of time the soils would be exposed and susceptible to erosion.

1543 Long-term, less-than-significant impacts due to structures built on 11.0 acres of surface area that was
 1544 previously OAFB housing that was demolished in 2014. Impacts would be managed with
 1545 implementation of BMPs.

1546 Significant impacts to soils would occur if the Proposed Action results in significant changes to soil
 1547 properties resulting in increased erosion and sedimentation to streams and other waterways or causing
 1548 impacts to adjacent properties. Significant impacts to prime farmland would occur if the completed
 1549 NRCS AD-1006 form (Farmland Conversion Impact Rating) indicates that the Total Site Assessment
 1550 Points exceed 160.

1551 Under the Proposed Action Alternative, less-than-significant short term and long-term effects to prime
 1552 farmland would occur due to only 0.3 acres of the proposed area being characterized as Prime
 1553 Farmland.

1554 **4.4.2 Effects of No Action Alternative**

1555 Under the No Action Alternative, the DoD would not authorize the Proposed Action. The proposed RC
 1556 would not be built, the land would remain as it is, and would not incur any impacts from the Proposed
 1557 Action. Under the No Action Alternative, the current RCs would continue to be over utilized and would
 1558 not receive improvements and consequently, the purpose and need described in **Section 1** would not
 1559 be met.

1560 **4.4.3 Mitigation Measures**

1561 No mitigation measures would be necessary to reduce any adverse environmental impacts to below
 1562 significant levels.

1563 **4.5 Water Resources**

1564 **4.5.1 Effects of Proposed Action**

1565 Significant impacts to surface water would occur if the Proposed Action resulted in diversion of
 1566 stormwater or interception of seeps and springs reducing surface flow in receiving streams and
 1567 impacting potential wetlands or riparian vegetation.

1568 An increase in impermeable surfaces would result from facility construction; therefore, the NEARNG
 1569 would ensure that stormwater controls (e.g., retention/detention basins, infiltration basin, stormwater
 1570 velocity dissipating devices, and landscaping features) would be designed to address any resultant
 1571 increase in stormwater velocities and volumes. In addition to the BMPs described in **Section 5.3**,
 1572 NEARNG would be responsible for obtaining coverage under the construction stormwater general
 1573 permit and SWPPP. The NEARNG would also be responsible for working with the Offutt AFB's
 1574 municipal separate storm sewer system (MS4) permit and Stormwater Management Plan (SWMP). The
 1575 NEARNG and Proposed Action would implement the requirements of the permits and SWPPP during

construction and operations once constructed. The NEARNG as the proponent would be responsible for obtaining coverage under the industrial multi-sector general permit (MSGP) including preparation and adherence to the developed SWPPP. The SWPPP would be prepared before submitting the NOI to the EPA for coverage under the MSGP prior to the operation of the RC.

The OAFB's MS4 Permit and SWMP identifies the minimum control measures for construction site runoff control and post construction runoff control. Once constructed, the operations of the RC would be subjected to minimum control measures under the MS4 permit such as public education and outreach, public involvement, illicit discharge detection and elimination, and pollution prevention/good housekeeping. The USAF Installation's SWMP and SWPPP would need to be updated to include the RC and associated activities. The Proposed Action design and construction would also need to comply with the Energy Independence and Security Act (EISA) Section 438 requirement to maintain or restore pre-development hydrology for federal developments that exceed 5,000 square feet.

Significant impacts to groundwater would occur if the Proposed Action Alternative results in reduced seep and spring flow, reduce groundwater discharge to surface flow in streams, or impacts other groundwater users.

The Proposed Action would have short-term and long-term less-than-significant direct and indirect adverse effects to surface and ground waters. The Proposed Action would be anticipated to have no impact to the nearby floodplain with implementation of erosion-prevention and soil-stabilizing BMPs. Under the Proposed Action, no wetlands would be disturbed.

Removal of vegetation, grading the surface, and increases in impervious surfaces (buildings, parking lots, roads) can increase runoff to streams, and decreases infiltration of runoff. Increased runoff increases peak discharge, volume, and frequency of floods in nearby streams, and removal of natural surfaces can increase pollutants (Konrad 2003; Vogel & Moore 2016). As the proposed area is 0.2 miles west of Papillion Creek, there would be a slight increased risk of flooding and erosion from storm runoff. The Proposed Action would have short-term and long-term less-than-significant direct and indirect impacts on groundwater. Expected impacts to groundwater would reduce infiltration causing decreased subsurface flow, and decreased aquifer recharge. Impacts to surface water and groundwater runoff would be minimized through implementation of BMPs and stormwater management. Excavation and moving of dirt would be managed through construction BMPs including erosion-prevention and soil-stabilizing to not disrupt nearby floodplains.

The Proposed Action would not create a rise in the flood zone, therefore no impacts are anticipated to the floodplain. No surface waters or NWI identified wetlands would be located within the proposed area of the RC and no potential for non-NWI wetlands was observed during a site visit. Based on this information, no surface waters or wetlands would be impacted by the Proposed Action.

4.5.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC and associated infrastructure would not be constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts to water resources would occur if the No Action Alternative were selected.

4.5.3 Mitigation Measures

No mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.6 Biological Resources

4.6.1 Effects of Proposed Action

4.6.1.1 Vegetation

Significant impacts to vegetation would occur if the Proposed Action results in the loss of a state and or federally listed species, loss of critical habitat for a listed species, and or results in establishment of uncontrolled noxious weeds within project area.

Due to the small amount of permanent impact within the Project Area to a previously disturbed site and the amount of similar habitat surrounding the project area, long-term impacts to vegetation under the Proposed Action would be less-than-significant. Vegetation disturbance would be typical of construction activities, and short-term associated less-than-significant adverse impacts would be controlled using appropriate BMPs (**Section 2.2.3**). Under this alternative, approximately 11 acres of vegetation would be permanently removed, and 9.4-acres would be temporarily disturbed during construction activities.

4.6.1.2 Wildlife and Migratory Birds

Significant impacts to wildlife and migratory birds would occur if the Proposed Action results in the loss of critical habitat, altered migration routes or behavior, or mortality of species of concern, including state and federally-listed species and or migratory birds.

It would be anticipated the Proposed Action would have short-term and long-term less-than-significant direct and indirect impacts on migratory birds given the size of the proposed area to be impacted, the fact that the habitat is not unique or of significant quality, the low likelihood of incidental take during readiness exercises, and the implementation of the proposed BMPs (**Section 5.3**).

Wildlife in the proposed area would sustain direct and indirect, short-term and long-term, less-than-significant adverse impacts associated with habitat conversion and construction activities. Wildlife would be expected to vacate the immediate areas during construction activities. Noise from ground disturbance, construction, vehicle use, and other human activity may result in short-term and insignificant impact to nearby wildlife species. However, due the proximity of OAFB, residential and commercial areas, and US Hwy 75, area wildlife is likely already accustomed to human activity at this level. Most wildlife would be able to migrate during construction to habitat outside the proposed area, however, mortality to some less mobile species such as burrowing animals and small mammals would occur during ground construction.

Construction activities can have direct impacts on migratory birds and other ground nesting birds during the breeding season due to potential stressors, such as the use of heavy machinery, vegetation and land clearing, and increased noise. Breeding site fidelity is known in many species of birds (Jones et al. 2007), thus birds may still attempt to nest during construction. Other birds may not attempt to nest until after construction activities subside or at all during the breeding season, while others may nest in a different location. For birds that do decide to breed within the proposed area, nests with eggs or chicks could be unintentionally disturbed or destroyed, and potentially result in nest abandonment. It is not anticipated that any birds capable of flying would be injured or killed during such activities but would simply leave the proposed area during the disturbance.

Bird collisions with facility windows would be a potential issue and would be considered during the design phase using standard industry designs to address this concern. Bird deterrent designs would consider those put forth by LEED (GBC 2009) and the American Bird Conservancy (Sheppard 2011).

The proposed readiness activities would have the potential to injure or kill migratory birds; but, the likelihood of birds being struck during operational activities would be minimal. The proposed readiness or operational activities that could result in injured migratory birds could include unit training or mobilization planning. Nesting activity may decrease within the proposed area due to the proposed increased disturbance, less available habitat and noise. However, it would be anticipated that birds would habituate to the proposed military readiness activities over time; and, the nesting would continue to occur within the proposed area.

Indirect impacts on wildlife species could also result from the permanent or short-term loss of habitat. The construction of the proposed RC would have permanent impacts to approximately 11 acres of

previously disturbed land, and short-term impacts to approximately 9.4-acres of previously disturbed land that has been reclaimed. Not all 41-acres within the proposed area would be directly and/or permanently disturbed. Overall, the amount and type of habitat that would be impacted because of the Proposed Action would be less-than-significant in comparison to the available habitat within and in the immediate vicinity of the proposed area. Therefore, based on the geographical range of the migratory bird species subject to potential impacts from the Proposed Action, it would be anticipated that these indirect impacts would be less-than-significant.

4.6.1.3 Endangered and Threatened Species

Significant impacts to endangered and threatened species would occur if the Proposed Action results in altered behavior, loss of critical habitat, or the mortality of these species.

As the proposed area would not be considered suitable habitat for any potential threatened and endangered species with the exception of habitat for the northern long-eared bat, which is a tree roosting species; and, the proposed area has been previously disturbed, short-term and long-term adverse impacts to these species would be less than significant. Based on consultation with NGPC, there are no state-listed endangered or threatened species or any habitat for listed species within the proposed area (NGPC July 20, 2017 Consultation Response; **Appendix B**). There would be no effect on federally listed species or critical habitats (USFWS August 16 Consultation Response, 2017; **Appendix B**).

As the vegetation in the area is not unique in nature, the Proposed Action would not result in significant changes to the diversity or abundance of plants in the area. The Proposed Action would involve clearing of vegetation. All the special status plants with potential to occur within the proposed area depend on sandy soil habitats. As most of the proposed area has soils consisting of loam and was recently demolished and reclaimed, it is unlikely these plants would be present within the proposed area.

Of the 21-listed species within Sarpy County, 12 are known to occur within three miles of the proposed area; however, none have been recorded or are known to occur within the proposed area.

The northern long-eared Bat, a tree roosting species, is known to occur in Sarpy County and on OAFB. Based on consultation with the USFWS, the proposed area would not be near any northern long-eared bat hibernacula. To minimize any potential impact, tree removal for the Proposed Action would occur during winter months when bats would not be present.

Since there are no wetlands in the proposed area, the Proposed Action would not result in a change to aquatic habitat. There are no aquatic habitats within the proposed area; thus, threatened and endangered species that require aquatic habitat would not be impacted.

A Memorandum For Record summarizing the consultation efforts by the NEARNG regarding endangered and threatened species, is included in **Appendix B**. The USAF will be performing additional consultation with the USFWS regarding endangered and threatened species following legal sufficiency.

4.6.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC and associated infrastructure would not be constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts to vegetation, wildlife, migratory birds, or threatened or endangered species would occur if the No Action Alternative were selected.

4.6.3 Mitigation Measures

No mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.7 Cultural Resources

4.7.1 Effects of Proposed Action

Significant impacts to cultural resources would occur if the Proposed Action caused visual or physical impacts to eligible resources such as prehistoric artifacts, historic features, or traditional cultural properties.

The Proposed Action Alternative is anticipated to have no effect on historic structures, archaeological resources, or tribal resources. Under Section 106 of the NHPA, the Nebraska NSHS and SHPO concurred with the finding of no historic properties affected on October 13, 2016. The 55th Wing of OAFB will consult with one or more of the Federally recognized Native American Tribes with possible ancestral ties to the Proposed Action area once this EA is approved for public release. Consultation correspondence will be provided in **Appendix B**.

4.7.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC and associated infrastructure would not be constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts to cultural resources would occur if the No Action Alternative were selected.

4.7.3 Mitigation Measures

No mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.8 Public and Occupational Health and Safety

4.8.1 Effects of Proposed Action

Significant impacts to public and occupational health and safety resources would occur if the Proposed Action caused an unsafe work environment or violated NFPA Standard 1500. There would be less than significant impacts to the public and occupational health and safety during construction or operation of the Proposed Action. Construction activities can present risks of injury to workers, but this risk is expected to be minimal. In addition, during operation of the RC, increased traffic will occur that will increase the risk of traffic accidents in the area. These increased risks are anticipated to result in impacts less than significant since speeds in the would be low due to the area being near residents and a school.

4.8.2 Effects of No Action Alternative

Under the No Action Alternative, the proposed RC and associated infrastructure would not be constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts to public and occupational health and safety would occur if the No Action Alternative were selected.

4.8.3 Mitigation Measures

A safe work environment and NFPA Standard 1500 would be followed. Therefore, no mitigation measures would be necessary to reduce any adverse environmental impacts to below significant levels.

4.9 Socioeconomics

4.9.1 Effects of Proposed Action

Significant impacts to socioeconomic resources would occur if the Proposed Action caused a large increase or decrease of people in the area, wages, or tax revenue for the local municipality. Significant impacts to socioeconomic resources would also occur if the Proposed Action results in reduced capacity or exceeding the capacity of the current infrastructure including utilities, roads, domestic sewage, or drinking water.

Under the Proposed Action, short-term and long-term less-than-significant positive impacts to the socioeconomic environment are anticipated. There are no recreational facilities in the Proposed Action

1754 area; although the Willow Lakes Golf Course is adjacent to the east. Less-than-significant short-term
1755 impacts to recreation would occur.

1756 The proposed development property for the Proposed Action has not been subjected to usage since
1757 the demolition of the housing development in 2014. Usage of the proposed development property would
1758 be expected to increase as a result of the Proposed Action given that the proposed development
1759 property would no longer be undeveloped, vacant land. The Proposed Action would be anticipated to
1760 have a positive impact on the overall *long-term* socioeconomic conditions of the region as it would bring
1761 in up to 386 people two to three times per month for assemblies and/or trainings, in addition to the more
1762 daily, permanent personnel. The local economy would experience beneficial, less-than-significant
1763 impacts from revenue generated from expenditures of the temporary personnel. The 386 temporary
1764 would not stay on base and would stay off-base for any overnights. There would be housing and school
1765 capacity for the 38 permanent personnel and their families in Bellevue and surrounding cities, especially
1766 since the previous housing development in the proposed location had over 80 houses and families.
1767 There are 5 elementary schools within one mile of the proposed location of the Proposed Action.

1768 Finally, a less-than-significant, short-term beneficial socioeconomic impacts associated with the
1769 proposed construction activities would be anticipated for local employment under the Proposed Action.
1770 The proposed construction would likely use regional businesses and provide a short-term
1771 socioeconomic benefit to the area. Further, due to the intermittent and finite nature of the Proposed
1772 Action, no *long-term* impacts to the civilian construction labor force would be anticipated.

1773 **4.9.2 Effects of No Action Alternative**

1774 Under the No Action Alternative, the proposed RC and associated infrastructure would not be
1775 constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts
1776 to the socioeconomic environment would occur if the No Action Alternative were selected.

1777 **4.9.3 Mitigation Measures**

1778 No mitigation measures would be necessary to reduce any adverse environmental impacts to below
1779 significant levels.

1780 **4.10 Infrastructure**

1781 **4.10.1 Effects of Proposed Action**

1782 Significant impacts to infrastructure would occur if the Proposed Action would require an increase in
1783 infrastructure capacity such as for roads, utilities, or sewage treatment.

1784 Short-term and long-term, less-than-significant impacts would be anticipated due to the proposed
1785 construction traffic and potential increase in site usage. Under the Proposed Action, potential less-than-
1786 significant impacts could occur in utility consumption from the proposed increased training site use and
1787 utility extensions. Proper design of the proposed facilities including the proposed utilities and roads
1788 would minimize or eliminate impacts to existing facilities and usage. The proposed construction of a
1789 state-of-the-art RC would result in greater efficiency in the use of water and power over the existing
1790 facilities.

1791 Potential traffic impacts to OAFB and regional roadways would be easily absorbed by current
1792 infrastructure as up to 38 full-time employees would be anticipated to use the proposed RC daily; and,
1793 as many as 386 people would utilize the facility during the proposed training and assembly operations.

1794 Other potential infrastructure impacts, including electrical, sewer, and potable water, would be absorbed
1795 by the existing infrastructure from the previously housing development that was demolished in 2014.
1796 The previous housing development included more than 80 residences and its existing infrastructure
1797 would be able to absorb the potential demands of electricity, potable water, and sewage management
1798 of the more energy efficient Proposed Action.

1799 **4.10.2 Effects of No Action Alternative**

1800 Under the No Action Alternative, the proposed RC and associated infrastructure would not be
 1801 constructed; consequently, the purpose and need described in **Section 1** would not be met. No impacts
 1802 to the infrastructure would occur if the No Action Alternative were selected.

1803 **4.10.3 Mitigation Measures**

1804 No mitigation measures would be necessary to reduce any adverse environmental impacts to below
 1805 significant levels.

1806 **4.11 Hazardous and Toxic Materials/Wastes**

1807 **4.11.1 Effects of Proposed Action**

1808 Significant impacts from the storage, use or disposal of hazardous and toxic materials and waste would
 1809 occur if the Proposed Action resulted in spills of sufficient quantities to require evacuation of surrounding
 1810 area.

1811 No short-term HTMW impacts would be expected. The Proposed Action would include a Controlled
 1812 Waste Facility Center, and waste/sewer utilities. Potential long-term less-than-significant HTMW
 1813 impacts associated with implementing the Proposed Action Alternative would be further minimized
 1814 through implementing and adhering to standard BMPs.

1815 Routine activities of the Proposed Action Alternative would not typically generate hazardous wastes
 1816 and hazardous wastes would not be expected. The NEARNG would utilize the Air Force's Enterprise
 1817 Environmental Safety Occupational Health Management Information System for the issuance of
 1818 hazardous materials and to track the disposal of hazardous waste. It is through this program that
 1819 Emergency Planning and Community Right-to-Know Act reporting is accomplished for the Installation.
 1820 The NEARNG would comply with Air Force Instruction (AFI) 32-7086 Hazardous Materials Management
 1821 and AFI 32-7042 Waste Management. Additionally, the NEARNG would comply with the Installation's
 1822 Hazardous Waste Management Plan.

1823 Under the Proposed Action Alternative and the Installation's Hazardous Waste Management Plan, the
 1824 NEARNG would work with the OAFB Environmental staff for approval of hazardous materials and waste
 1825 in order for the Installation to maintain compliance. The NEARNG RC at OAFB would utilize services
 1826 of the Wing and their protocols in handling hazardous materials.

1827 **4.11.2 Effects of No Action Alternative**

1828 Under the No Action Alternative, the DoD would not authorize the Proposed Action. The proposed RC
 1829 would not be built, the land would remain as it is, and would not incur any impacts from the Proposed
 1830 Action. Under the No Action Alternative, the existing RC would continue to be used and would not
 1831 receive improvements.

1832 **4.11.3 Mitigation Measures**

1833 No mitigation measures would be necessary to reduce any adverse environmental impacts to below
 1834 significant levels.

1835 **5 Cumulative Effects**

1836 As defined by CEQ regulations in 40 CFR Part 1508.7, cumulative impacts are those that "result from
 1837 the incremental impact of the Proposed Action when added to other past, present and reasonably
 1838 foreseeable future actions, without regard to the agency (federal or non-federal) or individual who
 1839 undertakes such other actions." Cumulative impact analysis captures the effects that result from the
 1840 Proposed Action and Alternatives in combination with the effects of other actions within the ROI. For
 1841 land use/cover, air quality, noise, topography, geology, soils, water resources, biological resources,
 1842 cultural resources, infrastructure, and hazardous and toxic materials and wastes, the ROI was defined

as a two-mile buffer around the proposed area. In addressing socioeconomics, the ROI was considered the City of Bellevue, with Sarpy County and the State of Nebraska used for comparison purposes only.

NEPA requires analysis of cumulative environmental effects of a Proposed Action, or set of actions, on resources that may often be manifested only at the cumulative level, such as traffic congestion, air quality, noise, biological resources, cultural resources, socioeconomic conditions, utility system capacities, and others.

A cumulative effects analysis should consider the potential environmental impacts resulting from "the incremental impacts of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such other actions" (40 CFR 1508.7). The Proposed Action would result in the impacts identified in **Section 4** and summarized in **Table 4**. These include potential less-than-significant impacts to land use and cover, air quality, the noise environment, soils, water resources, vegetation, wildlife, utilities, traffic, and HTMW. These impacts would be further managed through implementation of standard NEARNG BMPs as identified in **Section 5.3**.

The population of Sarpy County has increased by 13% between 2010 and 2016, while the State of Nebraska population increased by 4% during the same period (US Census Bureau n.d.). During this same time, the City of Bellevue population increased by 4%. However, growth in Sarpy County is projected to grow at over twice the rate of the State of Nebraska based on these projections (NEDED 2016). Based on the relatively stable population levels and population projections, Bellevue and Sarpy County are likely to experience a considerable amount of growth and development in the future.

The region experienced significant cumulative impacts to the environment due to large scale development and population growth from the late 1800s through the 1990s. In general, the population of Sarpy County has grown consistently over the past century with a more recent 30% increase between 2000 and 2010 and is estimated to continue to grow with over a 40% increase between 2010 and 2030. Thus, the region is likely experiencing or going to experience a great deal of growth and development in the future. The environment surrounding the Proposed Action at OAFB has experienced moderate change.

No significant adverse cumulative impacts to the environment, induced by the changes under the Proposed Action Alternative, are anticipated within the region. Implementation of land use and resource management plans including BMPs (**Table 19**) would serve to control the extent of environmental impacts, and proper planning would ensure that future socioeconomic conditions maintain the quality of life for residents in the area. Implementation of effective environmental, cultural resources and natural resources management and programs would minimize or eliminate potential cumulative degradation of the natural ecosystem.

5.1 Projects Identified for Cumulative Effects

Past, present, and reasonably foreseeable actions by NEARNG, OAFB, and development activities outside of OAFB were considered. These developments include transportation improvements, housing developments, commercial projects, and USAF developments. Potential overlap in affected area and construction timelines were considered. There are projects that are ongoing or are anticipated to occur in the vicinity of the Proposed Action at OAFB that when combined with the Proposed Action may result in cumulative effects (**Table 18**; **Figure 5**).



NEARNG
 Offutt Air Force Base
 Bellevue, NE
 9/27/2018
 WGS 1984 UTM Zone 14N
 Imagery: ESRI World Imagery



No warranty is made by the State/Territory National Guard Bureau as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data. This map is a living document, in that it is intended to change as new data become available and is incorporated into the Enterprise GIS database.



Figure 5. Cumulative Projects

Table 18. Projects Identified for Cumulative Effects Analysis

Project	Project Summary	Potential Relevance to Proposed Action
STRATCOM Headquarters	U.S. Strategic Command (STRATCOM) Headquarters project is under construction at OAFB and expected to be completed in 2019.	Project vicinity on OAFB but one mile east across Hwy 75.
36 th Street Improvement	Convert to four-lane divided highway along 36 th Street between Cornhusker Road and Raynor Parkway. Construction to begin in 2022.	Project vicinity (two miles northeast)
Cedar Grove and Lion's Gate housing developments	Cedar Grove has 134 lots available and Lion's Gate with 212 lots that will begin opening in late 2018	Project vicinity, more house availability, and likely overlap construction timelines
Facebook Data Center	Two 450,000-sq. ft buildings and one 70,000-sq. ft office building with 100 to 150 full-time employees. Expected to be completed by 2020.	Project vicinity (10 miles west)
NE DOT Plattsmouth to Bellevue	Road improvement project completed by 2019	Project vicinity

Two housing developments are currently being built approximately two and half miles southwest of the Project Area (**Figure 5**). The Cedar Grove housing development will consist of 134 residential lots located at 51st Street and Birchwood Drive in the City of Bellevue. This community is under construction with 83 lots sold out of the total 134 available. The Lion's Gate housing development is contiguous to Cedar Grove to its north and west, near the intersection of 48th Street and Sheridan Road in the City of Bellevue. Lion's Gate housing development would consist of 212 single-family lots (Curtin 2017). This development is not yet under construction and lots will become ready late 2018.

The 36th Street Project by the Bellevue Public Works Department is scheduled to begin Spring 2022 (Curtin 2018). Since the Proposed Action would begin in 2020 and the projects wouldn't overlap, any road closures for the 36th Street Project would not affect the Proposed Action. The 36th Street Project is located approximately one mile to the west of the Project Area and will include road improvements and lane widening on 36th Street from Blaine Avenue on the north to Platteview Road on the south (Davidson 2016).

U.S. STRATCOM Headquarters project is currently under construction at OAFB. The construction project began in 2012 and will replace the current facility (Liewer 2015). The new Headquarters will employ nearly 4,000 military and civilian personnel (Liewer 2017, 2018) and will cover 916,000 square feet (Liewer 2018). Construction on the building's structure was 97 percent complete as of February 2018 (Liewer 2018). The employees that currently work in the old building at OAFB will be moved into the new building at OAFB. It is expected to take until the end of 2019 to move the employees and command functions into the new building in order to ensure the command operates without interruption (Liewer 2018).

Facebook currently has a 1 million square foot data center under construction in Sarpy County. This data center is north of the intersection of Capehart Rd and Hwy 50 and is approximately ten miles west of the Project Area. Once completed, the data center is anticipated to employ 100-150 full time employees (Olberding 2017). The facility is expected to be online by 2020 (Konnath 2017).

1911 The Plattsmouth to Bellevue - North of the Platte River Project (Nebraska Department of Transportation
 1912 [NEDOT] Project #: NH-75-2(1067) Control #: 21849G), is presently under construction along U.S. Hwy
 1913 75 from La Platte Rd north to Fairview Road, approximately 1 mile southeast of the Project Area
 1914 (NEDOT 2017). This NEDOT project primarily involves the construction of the southbound lanes
 1915 between Fairview Road and the Platte River, but will also involve railroad viaduct work including
 1916 replacing pavement/ bridge approach sections and repairs to slope protection, continued construction
 1917 of secondary and county roads off the freeway system, and ramp construction at the US-75 and Fairview
 1918 Road Interchange and the new US-34/US-75 Interchange. Anticipated project completion is Spring
 1919 2019 (NDOR 2017).

1920 **5.2 Cumulative Effects Analysis**

1921 Potential impacts to land use/cover, air quality, noise, geology/soils, surface water, ground water,
 1922 vegetation, wildlife and migratory birds, endangered species, infrastructure, hazardous and toxic
 1923 materials/wastes are identified, but managed through implementation of proposed BMPs described in
 1924 **Section 5.3**. No adverse impacts to topography, geology, floodplains, wetlands, cultural resources, or
 1925 the socioeconomic environments are anticipated. Although short-term and long-term less-than-
 1926 significant positive effects to socioeconomics are anticipated.

1927 Implementation of the Proposed Action in combination with projects identified for cumulative effects
 1928 (**Table 18**) is not expected to cumulatively or significantly adversely impact any technical area in this
 1929 EA. The cumulative effect of these projects with the Proposed Action Alternative would result in potential
 1930 less-than-significant adverse impacts. The Proposed Action Alternative would not noticeably contribute
 1931 to a regional decline in natural resources as no significant resources would be affected.

1932 Under the No Action Alternative, the RC at OAFB would not be constructed. In turn, NEARNG's full
 1933 training potential would continue to be limited and suitable facilities necessary to accommodate
 1934 administration the training mission would continue to be substandard.

1935 The following analysis considers how projects identified in **Table 18** could cumulatively result in potential
 1936 environmental consequences in combination with the Proposed Action.

1937 **5.2.1 Cumulative Effects of Preferred Alternative (OAFB Location)**

1938 **Land Use.** The Proposed Action, as well as past, present, and reasonably foreseeable actions would
 1939 require changes in land use designations; however, the changes in land use designations would be
 1940 consistent with long-term planning efforts and the OAFB's development plan. Further, some land use
 1941 changes for the STRATCOM Headquarters has impacted open space and recreational land uses,
 1942 reducing some of these areas from the base. As such, direct, long-term, minor cumulative impacts on
 1943 land use from the Proposed Action are anticipated.

1944 **Air Quality.** There would be no significant impacts to air quality associated with the Proposed Action in
 1945 combination with past, present, reasonably foreseeable actions. Based on the Net Change Analysis
 1946 performed using ACAM for criteria pollutant and greenhouse gases, the emissions associated with the
 1947 Proposed Action would be less-than-significant. Construction and operation of the identified cumulative
 1948 actions would increase emissions throughout the cumulative effects area but are not anticipated to
 1949 significantly impact air quality or result in the area becoming a non-attainment area for NAAQS.

1950 **Noise.** No projects in the vicinity would overlap the construction timeline of the Proposed Action.
 1951 Because construction noise is localized to the construction site and immediate area, no cumulative
 1952 noise impacts are anticipated.

1953 **Topography, Geology, and Soils.** There would be no significant impacts to geology from the Proposed
 1954 Action nor the past, present, or reasonably foreseeable actions. Potential impacts to soils are localized
 1955 to each of the other project locations and minimized through the use of BMPs; therefore, no cumulative
 1956 impacts are anticipated associated with geology and soils.

1957 **Water Resources.** There would be no significant impacts to water resources from the Proposed Action
 1958 in conjunction with past, present, or reasonably foreseeable future actions. The cumulative impacts are
 1959 not expected to have impacts on floodplains or wetlands. Due to ongoing and future construction on
 1960 OAFB, there would be increased runoff and reduced infiltration resulting in long-term, less-than-
 1961 significant adverse cumulative effects to surface water and ground water. Implementing designs that
 1962 incorporate stormwater controls in new construction activities would help reduce impacts to water
 1963 resources in the vicinity of the project. Additionally, with the use of BMPs would minimize direct impacts
 1964 from nutrient enrichment of surface water from soil erosion and runoff would be negligible.

1965 **Biological Resources.** No significant cumulative effects to threatened and endangered species,
 1966 habitats of concern, or other biological resources are anticipated with the Proposed Action. The
 1967 Proposed Action includes a previously disturbed site. There would be potential for cumulative less-than-
 1968 significant adverse impact to federally listed northern long-eared bat from construction in or near the
 1969 Proposed Action's project area in conjunction with past, present, or reasonably foreseeable future
 1970 actions. Although tree removal from past, present and reasonably foreseeable project have removed
 1971 trees that could be used for roosting, it is not anticipated the tree removal resulted in or would result in
 1972 a significant reduction of suitable roosting habitat in the cumulative effects area.

1973 **Cultural Resources.** No cumulative effects to cultural resources are anticipated from the Proposed
 1974 Action in conjunction with past, present, or reasonably foreseeable future projects since no cultural
 1975 resources are known to exist at the project area. If a discovery of cultural resources is made during
 1976 ground disturbing activities of the Proposed Action, construction would be halted, and the OAFB Cultural
 1977 Resources Manager and SHPO would be contacted. Construction would restart in that area only after
 1978 approval from the OAFB and SHPO.

1979 **Public and Occupational Health.** Cumulative effects to public or occupational health and safety would
 1980 be similar to those less than significant effects associated with the Proposed Action during construction
 1981 and operation of the activities within the cumulative impact area. Since these are activities are localized,
 1982 the less than significant effects would be localize and would not result in significant cumulative effects.

1983 **Socioeconomics.** No adverse cumulative effects to socioeconomics are anticipated as a result of the
 1984 Proposed Action in combination with other past, present, or reasonably foreseeable projects. The
 1985 construction timelines of projects in the vicinity are not likely to overlap with construction of the Proposed
 1986 Action. There would be some positive short-term and long-term less-than-significant cumulative impacts
 1987 as a result of construction and operation of the actions identified in the cumulative effects area through
 1988 a slight increase in the number local residents and taxes generated from these actions.

1989 **Infrastructure.** No adverse cumulative effects to infrastructure are expected as a result of the Proposed
 1990 Action in combination with past, present, or reasonably foreseeable future projects. Utility usage,
 1991 sanitary and storm sewer systems, and communications are not expected to be significantly impacted
 1992 by the Proposed Action and other actions with the cumulative effects area. Construction activities could
 1993 be expected to increase traffic congestion for short-term periods, but the construction timeframes of
 1994 projects in the vicinity are not expected to overlap with the Proposed Action. Although construction
 1995 timelines are not anticipated to directly overlap, construction activities and implementation of the
 1996 Proposed Action in combination with projects in the vicinity would generate solid waste and there could
 1997 be short-term, less-than-significant adverse cumulative impacts to solid waste management in the area.
 1998 Solid waste includes construction by-products, but increases would not exceed the capacity of the
 1999 landfills. Impacts would be managed with implementation of BMPs, and contractors would recycle
 2000 construction materials to the greatest extent possible and would properly dispose of non-recyclable
 2001 construction debris.

2002 **Hazardous and Toxic Materials.** No adverse cumulative effects associated with HTMW are anticipated
 2003 as a result of the Proposed Action in conjunction with other past, present, or reasonably foreseeable
 2004 projects. Any hazardous material and construction debris generated would be handled, stored, and

2005 disposed of in accordance with the Installation's Hazardous Waste Management Plan, and local, state
 2006 and federal regulations. Impacts would be controlled through BMP and ongoing regulatory compliance.

2007 **5.3 Mitigation Measures**

2008 BMPs would be activities committed to by the proponent as part of the proposed action to manage or
 2009 eliminate potential impacts to resources. Mitigation measures are required when the assessment of
 2010 potential impacts identifies a "significant" impact to a resource. Mitigation measures are developed and
 2011 proposed in an effort to reduce identified, potentially significant adverse impacts to acceptable, less-
 2012 than significant levels. With implementation of the BMPs described in **Table 19** and within specific
 2013 sections of **Section 4**, the Proposed Action and the No Action Alternative would not require mitigation
 2014 measures to reduce anticipated impacts. With implementation of the proposed BMPs, potential impacts
 2015 to resources were determined to be "no" impact or "less-than-significant" impact, thus mitigation
 2016 measures are not needed.

Table 19: Best Management Practices

Resource	BMP
Air Quality	Appropriate dust suppression methods during the proposed on-site construction activities would be used, and if necessary, during dry weather training activities (i.e., available methods include application of water [fresh water only], soil stabilizers, or vegetation; use of enclosures, covers, silt fences, or wheel washers; and suspension of earth-movement or disturbance activities during high wind conditions).
	A speed of less than 15 miles per hour for construction equipment on unpaved surfaces would be required.
	Low volatile organic compounds architectural materials, supplies, and equipment would be used.
	Construction equipment would be repaired and serviced as needed to prevent excess emissions.
	Heavy equipment would be turned off when not in use.
	Excess soil would be cleaned from heavy equipment and trucks leaving the construction zone to prevent off-site transport.
	Obtain and maintain air quality permits for emergency generators.
Noise	Appropriate noise-dampening/muffler devices on construction equipment would be used to minimize noise generation.
	Proposed construction activities would be limited to daytime hours, as allowable.
Wildlife	Land disturbing activities would take place in winter prior to April or at least after July. If vegetation removal or land disturbing activities were to occur during the migratory bird nesting season (April 1 to July 31) or raptor nesting season (March 1 to August 31), a preconstruction nest survey would be conducted by a qualified biologist in vicinity of the proposed area. If active bird nests are identified, proposed construction activities would avoid disturbing any active nest. A qualified biologist would determine the appropriate no-work avoidance buffer distance, which would be implemented until nestlings have fledged from the nest and the nest is no longer active.
	To minimize impact on the Northern Long-eared Bat, a threatened tree roosting species, any potential tree removal activities would be done during winter months.
Wetlands and Water Resources	Since over 1 acre of land would be disturbed, a National Pollutant Discharge Elimination System permit (General Stormwater Permit) along with a SWPPP would be prepared and implemented by the NEARNG in accordance with the OAFB's existing permit and SWPPP.
	Since this federal development would exceed 5,000 square feet, the design and construction of the Proposed Action would comply with EISA section 438 requirement to maintain or restore pre-development hydrology.
	Proposed construction and operation would comply with the OAFB's MS4 permit and SWMP, which would be updated to include the Proposed Action and associated activities.

Resource	BMP
	Temporary collection and containment systems for domestic and industrial wastewater would be provided during the construction phase of the proposed area in the form of portable toilets, designated concrete washout containment facilities, and similar practices as needed.
	The total amount of ground and vegetative cover disturbance would be minimized to the amount practicable.
	Construction staging areas would be limited to areas that have previously been disturbed, if possible.
	All chemicals and petroleum products would be stored and contained away from water sources.
	Secondary containment and barriers, or similar effective means designed to prevent discharge of pollutants, would be implemented between the 2,200-gallon diesel storage tank and waters of the United States. This would also include compliance with applicable state and federal laws regarding SPCC Plan requirements.
Vegetation	Short-term disturbance areas would be revegetated with native plants and seed mix.
	Noxious weed management would be conducted, such as mowing and herbicide application.
	Trees would be avoided or salvaged where practicable. Salvaged trees would be transplanted to other locations on the property or would be used for additional landscaping.
Soils	Vehicular traffic associated with construction and operational activities would remain on paved areas to the maximum extent practicable to minimize disturbance of surface soils. Surface disturbance would be kept to the minimum required to construct structures associated with the proposed area.
	Erosion-prevention measures would be implemented such as silt fences and water breaks, sedimentation basins, filter fences, sediment berms, interceptor ditches, straw bales, rip-rap, and/or other sediment control structures. Soils would be watered and stockpiled during construction to prevent erosive losses from excavation and other activities.
	Soil-stabilizing vegetation would be planted and maintained on disturbed areas other than bare earth training areas.
Hazardous Substances and Waste	The USAF Installation has been assigned one EPA RCRA Identification number and one Toxic Release Inventory Facility Identification number. If hazardous materials or waste would be generated or stored, which is not expected, the NEARNG would work through the OAFB Environmental staff for approval and/or permitting of hazardous materials or waste in order for the Installation to maintain compliance with their Hazardous Waste Management Plan.
	If storage of petroleum products in volumes greater than 660 gallons would occur during construction or operation, a SPCC Plan would be prepared and implemented in accordance with the Installation's Hazardous Materials and Hazardous Management Plans.
	A procedure for the proper handling, storage, use, disposal, and cleanup of hazardous wastes and/or toxic materials to be used during potential construction and operations would be handled in accordance with the Installation's Hazardous Materials and Hazardous Management Plans.

2018

6 Comparison of Alternatives and Conclusions

6.1 Comparison of the Environmental Consequences of the Alternatives

This EA has evaluated the potential environmental, socioeconomic, and cultural effects of constructing a RC at OAFB near Bellevue in Sarpy County, Nebraska, as detailed in **Section 2.2** (Proposed Action). Two alternatives were evaluated in this EA: Proposed Action Alternative and No Action Alternative. A comparison of the environmental consequences of these alternatives is provided in **Table 20**.

Table 20: Alternative Comparison Matrix

Technical Resource Area	Proposed Action Alternative - OAFB / Bellevue, NE	No Action Alternative
Land Use and Land Cover	<u>Short-term and long-term, less-than-significant adverse</u> effects to land cover are anticipated. NEARNG would minimize clearing and earthwork to the maximum extent possible to minimize disturbance and associated construction costs. <u>Short and long-term</u> land use would change from the current use as undeveloped land to use by the NEARNG for training and other administrative activities associated with the NEARNG	No impact attributable to the NEARNG action.
Air Quality	<u>Short-term, less-than-significant adverse</u> impacts due to the potential for dust generation from construction activities. <u>Long-term less-than-significant adverse</u> impact to local air quality due to increased training site use, and vehicle traffic. There may be minor changes to local emissions due to increased traffic, but there would be no net changes for the region as NEARNG emissions from existing facilities would be eliminated.	No impact attributable to the NEARNG action. Ongoing operations' emissions would continue.
Noise	<u>Short-term, less-than-significant adverse</u> impacts due to the potential for noise generation from construction activities and the proximity of sensitive receptors. <u>Long-term, less-than-significant adverse</u> impacts due to increased noise levels associated with traffic and training site usage.	No impact attributable to the NEARNG action. Ongoing noise associated with current training operations would continue.
Topography, Geology, Soils, and Prime Farmland	No effects to topography or geology would be expected. <u>Short-term, less-than-significant adverse</u> impacts to soils and 0.3 acres of prime land during land disturbing activities with the potential to increase soils erosion within the Proposed Action area. <u>Long-term, less-than-significant</u> impacts to soils and prime farmland due to structures built on 7.2 acres of surface area. Although, this area was previously OAFB housing that was demolished in 2014. These less-than-significant impacts would be managed with implementation of BMPs.	No impact attributable to the NEARNG action.

Technical Resource Area	Proposed Action Alternative - OAFB / Bellevue, NE	No Action Alternative
Water Resources (Including Surface and Groundwater, Floodplains, and Wetlands)	<u>Short-term and long-term less-than-significant adverse impacts to surface water due to increased runoff. Short-term and long-term less-than-significant adverse impacts to groundwater due to reduced infiltration and aquifer recharge. No impact is anticipated to floodplains. No impact to wetlands as there are none in the project area.</u>	No impact attributable to the NEARNG action.
Biological Resources (Including Vegetation, Wildlife and Migratory Birds, Threatened and Endangered Species)	<u>Short-term, less-than-significant adverse impact to biological resources from construction noise and vegetation removal. Long-term, less-than-significant adverse impacts due to elimination of vegetation and wildlife habitat, which would be minor on a regional and local scale. Potential less-than-significant adverse impact to federally listed Northern Long-eared bat from construction. To minimize any impact, tree removal for the project would occur during winter months when bats are not present.</u>	No impact attributable to the NEARNG action.
Cultural Resources	<u>No effect to cultural resources are anticipated as a result of the Proposed Action. If a discovery of cultural resources is made during ground disturbing activities, construction would be halted, and the OAFB Cultural Resources Manager and State Historic Preservation Office (SHPO) would be contacted. Construction would restart in that area only after approval from the OAFB and SHPO.</u>	No impact attributable to the NEARNG action.
Public and Occupational Health	<u>No effects to public and occupational health are expected as a result of the Proposed Action. Significant impacts to public and occupational health and safety resources would occur if the Proposed Action caused an unsafe work environment or violated National Fire Protection Association (NFPA) Standard 1500.</u>	No impact attributable to the NEARNG action.
Socioeconomics	<u>Short-term, less-than-significant positive impacts to the socioeconomic environment during construction. Long-term, less-than-significant positive impacts to the socioeconomic due to increased economic benefit to community.</u>	No impact attributable to the NEARNG action.
Infrastructure	<u>Short-term and long-term, less-than-significant impacts are anticipated due to construction traffic and increased site usage. Potential less-than-significant adverse impact to utility consumption from increased training site use and utility extensions. Impacts would be managed with implementation of BMPs. Construction of a state of the art facility would likely be more energy efficient, thus using less energy than the current facilities.</u>	No impact attributable to the NEARNG action. Utility usage would continue as under current conditions.

Technical Resource Area	Proposed Action Alternative - OAFB / Bellevue, NE	No Action Alternative
Hazardous and Toxic Materials and Wastes	<u>No impacts in the short-term. Long-term, potential less-than-significant adverse impacts</u> due to storage of fuel, cleaning supplies, and other chemicals in flammable and controlled waste facilities. Impacts would be controlled through BMP and ongoing regulatory compliance.	No impact attributable to the NEARNG action.

6.2 Conclusions

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA TC Co's mission is to support STRATCOM, which is located at OAFB. The property for the proposed RC is owned by the USAF and would be licensed to the State of Nebraska for use by the NEARNG. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The evaluation performed within this EA concludes that while some adverse effects would take place, the adverse effects would be less-than-significant and managed with BMPs. There would be *no significant adverse impact*, either individually or cumulatively, to the local environment or quality of life as a result of implementing the Proposed Action Alternative, provided all BMPs specified in this EA are implemented through the design process. Further, management controls are in place and reviewed prior to execution, and ongoing BMPs are reviewed on an annual basis. This EA's analysis determines, therefore, an EIS is unnecessary for implementing the Proposed Action, and that a FONSI is appropriate. The Proposed Action Alternative was determined by the NEARNG to provide the best combination of land and resources to sustain quality military training and to maintain and improve the units' readiness postures. The No Action Alternative was not found to satisfy the purpose of and need for the project. The No Action Alternative would limit the capability of the NEARNG to carry out its assigned mission to provide adequate training facilities and would jeopardize the proficiency and military readiness of the NEARNG. As such, this EA recommends implementation of the Proposed Action Alternative.

If other development projects are implemented over an extended period, the USAF and NEARNG would review this NEPA analysis prior to project execution to ensure no substantial changes have occurred to environmental resources or regulatory requirements since the completion of this EA. If changes have occurred, the USAF would prepare an updated NEPA analysis in the form of a Supplemental EA or tiered Categorical Exclusion. This original EA would be utilized as the foundation for the updated analysis and supplemental NEPA analyses would focus on those issues that have changed.

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2246 8 List of Preparers

2247 EA Preparers and Primary Contributors:

Nebraska Army National Guard	
Name	Title
Lawrence Vrtiska	Environmental Program Manager

2248

Wood Environment & Infrastructure Solutions, Inc.				
Name	Title	Role and Area of Responsibility	Degree and Year	Years of Relevant Experience
Richard Weber	Project Manager	Project mgmt. and Quality Control	MS Biology (1990) BS Biology (1986)	27
Irene Weber	Botanist / NEPA Specialist	EA author, vegetation and other resources	MS, Biology (2014) BS, Biology (2010)	2
Corinna Photos	Wetlands Biologist / NEPA Specialist	EA author, wetlands and other resources	MS, Environmental Studies (2008) BS, Biology (1999)	15
Melissa Greulich	Wildlife Biologist / NEPA Specialist	EA author, wildlife and T&E species, other resources	MS, Applied Ecology (2010) BS, Biology (2008)	8
Gordon Kersten	Natural Resources Specialist	EA author on multiple resources	MS, Biology (2015) BS, Biology (2010)	4
Doug McFarling	Senior Review	Senior review	BA, Environmental Studies (1991)	25

2249

2250 **9 Agencies and Individuals Consulted**

2251 Letters requesting comment have been submitted to the following agencies by NEARNG:

2252 Nebraska Game and Parks Commission

2253 Nebraska Natural Heritage Program

2254 US Fish and Wildlife Service

2255 Nebraska State Historic Preservation Office

2256 Otoe Missouri Tribe of Indians Oklahoma

2257 Omaha Tribe of Oklahoma

2258 Iowa Tribe of Oklahoma

2259 Sac and Fox Tribe of the Mississippi in Iowa

2260 Sac and Fox Nation of Missouri in Kansa and Nebraska

2261 Sac and Fox Nation of Oklahoma

2262 Ponca Tribe of Nebraska

2263 Iowa Tribes of Kansas and Nebraska

2264

2265 55th Wing will send out letters requesting comment to the following agencies once this EA is approved
2266 for public release

2267 City of Bellevue Planning Department

2268 City of Lincoln Planning Department

2269 City of Omaha Planning Department

2270 Federal Aviation Administration

2271 Fish and Wildlife Services

2272 Lincoln Airport Authority

2273 Metropolitan Area Planning Agency

2274 Nebraska Air National Guard

2275 Nebraska Department of Environmental Quality

2276 Nebraska Department of Natural Resources

2277 Nebraska Game and Parks Commission Data Manager

2278	Nebraska Game and Parks Commission
2279	Nebraska National Guard
2280	Nebraska State Historical Society
2281	Omaha Tribe of Nebraska
2282	Ponco Tribe of Nebraska
2283	Santee Sioux Tribe of Nebraska
2284	Sarpy County Planning Department
2285	U.S. Army Corps of Engineers
2286	U.S. Environmental Protection Agency
2287	Winnebago Tribe of Nebraska

Appendix A: Relevant Regulations

Environmental Laws Relevant to Proposed Action

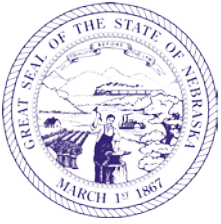
Law	Agencies Responsible	Function
National Environmental Policy Act (NEPA)	All Federal Agencies	Requires disclosure and consideration of environmental impacts of federally funded and/or proposed actions.
Clean Water Act (CWA)	EPA, USACE, NDEQ	Regulates water quality by establishing standards and facilitating permit programs.
Clean Air Act (CAA)	EPA, NDEQ	Regulates air quality by establishing standards and permit programs, and by providing framework for enforcement actions.
Resource Conservation and Recovery Act	EPA, NDEQ	Regulates storage, handling, and generation of hazardous and nonhazardous solid waste.
Endangered Species Act (ESA)	USFWS	Established mechanism for listing threatened and endangered species as well as establishing species recovery programs.
National Historic Preservation Act (NHPA)	All Federal Agencies, Nebraska SHPO	Involves any activities affecting historic properties on Federal land or through a federally proposed action.
Army Regulation 200-1 <i>Environmental Analysis of Army Actions</i>	DoD	Provides guidance for the Army National Guard based on CEQ regulations.
Executive Order 11988 <i>Floodplain Management</i>	All Federal Agencies	Relevant to any activities involving floodplains on Federal land or where floodplains could affect or be affected by a federally proposed action.
Executive Order 11990 <i>Protection of Wetlands</i>	All Federal Agencies	Relevant to any activities involving wetlands on Federal land or where wetlands could be affected by implementation of a federally proposed action.
Executive Order 13007 <i>Indian Sacred Sites</i>	All Federal Agencies	Directs executive departments and agencies to accommodate access to and ceremonial use of sacred sites by religious practitioners and avoid adversely affecting the physical integrity of such sacred sites.
Executive Order 13045 <i>Protection of Children from Environmental Health and Safety Risks</i>	All Federal Agencies	Prioritizes the identification and assessment of environmental health and safety risks that may affect children.

Law	Agencies Responsible	Function
Executive Order 13423 <i>Strengthening Federal Environmental, Energy, and Transportation Management</i>	All Federal Agencies	Directs Federal agencies to conduct their environmental, transportation, and energy-related activities in a sustainable manner. Sets goals for energy efficiency, acquisition, renewable energy, toxic chemical reduction, recycling, sustainable buildings, electronics stewardship, fleets, and water conservation.
Executive Order 13514 <i>Leadership in Environmental, Energy, and Economic Performance</i>	All Federal Agencies	Establishes an integrated strategy towards sustainability in the Federal Government and to make reduction of greenhouse gas emissions a priority of Federal agencies.
Executive Order 13186 <i>Responsibilities of Federal Agencies to Protect Migratory Birds</i>	All Federal Agencies	Directs executive departments and agencies to take certain actions to further implement the Migratory Bird Act.
Safe Drinking Water Act (SDWA)	EPA, NDEQ	Involves facilities where drinking water is supplied to the public or that use non-stormwater dry wells for disposal. Also involves any projects that would potentially affect a sole-source aquifer.
Migratory Bird Treaty Act (MBTA)	USFWS	Protects migratory neotropical birds.
Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)	EPA	Provides the basis for regulation, sale, distribution and use of pesticides in the US.

2290

Appendix B: Agency Coordination and Public Involvement

STATE OF NEBRASKA



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

CFMO-EMB

12 October 2017

MEMORANDUM FOR RECORD

CFMO, Nebraska Army National Guard (NEARNG), 2433 NW 24th St, Lincoln, NE 68524

SUBJECT: Environmental Documentation for Effects Determination on Biological Resources for the Proposed Bellevue Readiness Center, Bellevue, NE, Project Number 310102 Military Construction (MILCON) Program.

1. This memorandum depicts the current effects determination on biological resources for Proposed Bellevue Readiness Center, Project Number 310102 Bellevue, Nebraska.
2. The Nebraska Army National Guard (NEARNG) contacted the Nebraska Game and Parks Commission (NGPC) on 29 June 17 via their consultant AMEC Foster Wheeler. We requested their consultation on the proposed Readiness Center on species listed from the Nebraska Natural Heritage Program regarding special status species within 3 miles of project area. On 20 July 17 the NEARNG received concurrence from the NGPC this project is unlikely to have an adverse impact on listed species.
3. The NEARNG contacted the U.S. Fish and Wildlife Service (USFWS) on 19 June 17 via their consultant AMEC Foster Wheeler. We requested their consultation on federally listed species that may occur within the project area. We compiled a list of federally listed threatened and endangered species via the USFWS IPaC website (case number 06E22000-2017-SLI-0167). On 16 August 17 the NEARNG received concurrence from the USFWS that they do not anticipate any impacts on federally listed species or their critical habitat.
4. Based on consultation and concurrence from both NGPC and USFWS the NEARNG does not anticipate any impacts to federal or state listed species or their critical habitat when constructing the proposed Bellevue Readiness Project Number 310102.
4. The point of contact regarding this matter is Vrtiska, Larry, EPM, 402-309-8460 or Lawrence.a.vrtiska.nfg@mail.mil.

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Weber, Richard

From: Koch, Michelle <michelle.koch@nebraska.gov>
Sent: Thursday, July 20, 2017 10:53 AM
To: Kersten, Gordon
Cc: Grell, Carey; Joe, Ryan; Eliza Hines
Subject: NGPC review for: NEARNG Readiness Center, Sarpy County, Nebraska

Dear Mr. Kersten:

I have reviewed the information provided pursuant to the Nebraska Nongame and Endangered Species Conservation Act (Neb. Rev. Stat. 37-801 to 37-811). There are no state-listed endangered or threatened species within the project area, and habitat for listed species will not be impacted by the project. Therefore, it is unlikely this project would have an adverse impact on listed species. I do not foresee any issues with constructing the Nebraska Army National Guard Readiness Center as proposed.

We appreciate the opportunity to comment. If you have questions or need additional information, please let me know.

Sincerely,
Michelle

Michelle R. Koch

*Fish and Wildlife Specialist | Planning and Programming Division
Nebraska Game and Parks Commission | 2200 N. 33rd St. | Lincoln, NE 68503
Office: (402) 471-5438 | Email: michelle.koch@nebraska.gov*

From: Kersten, Gordon [gordon.kersten@amecfw.com]
Sent: Thursday, June 29, 2017 9:21 AM
To: Koch, Michelle
Subject: Request For Information Regarding Natural Resources For A Proposed Development In Sarpy County, Nebraska

Dear Ms. Koch,

Amec Foster Wheeler has been retained by the Nebraska Army National Guard (NEARNG) to prepare a NEPA compliant document for development of a National Guard Readiness Center at Offutt Air Force Base in Bellevue, Sarpy County, Nebraska. The legal description is the southwest quarter of Section 03, Township 13 North, Range 13 East. The proposed project area is approximately 41 acres, however only approximately 11 acres are anticipated to be permanently disturbed as a part of this project. A new readiness center is necessary to replace current training facilities, which are unable to support the units' organizational needs and do not meet the current standards for Army National Guard facilities. The area was previously an Offutt Air Force Base housing development that has since been removed and reclaimed.

I am writing to consult with you to ensure that any actions authorized, funded or carried out by the NEARNG do not jeopardize the continued existence of state or federally listed species in compliance with Neb.Rev.Stat. §37-807 (3) of the Nebraska Nongame and Endangered Species Conservation Act and the Endangered Species Act. I have already received information from Ms. Rachel Simpson from the Nebraska Natural Heritage Program regarding known special status species within 3 miles of the project area. These species include:

<u>Scientific Name</u>	<u>Common Name</u>
Aesculus glabra var. arguta	Ohio Buckeye
Arnoglossum atriplicifolium	Pale Indian-plantain
Asclepias amplexicaulis	Clasping-leaf Milkweed
Corallorhiza odontorhiza	Autumn Coral-root
Lilium michiganense	Michigan Lily
Monotropa uniflora	Indian-pipe
Parkesia motacilla	Louisiana Waterthrush

Patis racemose	Black-seed Ricegrass
Setophaga cerulean	Cerulean Warbler
Ulmus thomasii	Rock Elm
Vireo bellii	Bell's Vireo
Vireo flavifrons	Yellow-throated Vireo

We are requesting additional information from the Nebraska Game and Parks Commission regarding known occurrences of state or federally listed species that may occur within the project area, and potential issues that you foresee with development of the project. Attached is a map of the project area and shapefiles can be provided upon request.

Please contact me at (303)-975-2187 or Gordon.Kersten@amecfw.com if you have any questions or need additional information. Thank you for your time and expertise.

Best Regards,

Gordon Kersten

Staff Biologist

Amec Foster Wheeler | Environment & Infrastructure

2000 S Colorado Blvd | Suite 2 – 1000 | Denver, CO 80222

T +1 303-975-2187 gordon.kersten@amecfw.com

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Please click <http://amecfw.com/email-disclaimer> for notices and company information in relation to emails originating in the UK, Italy or France.

Kersten, Gordon

From: Kersten, Gordon
Sent: Monday, June 19, 2017 2:13 PM
To: 'rachel.simpson@nebraska.gov'
Subject: DATA REQUEST REGARDING NATURAL RESOURCES IN SARPY COUNTY, NEBRASKA
Attachments: 310102_20161004_Bellevue_2014.pdf; Bellevue_Project_Area_poly.zip

Dear Ms. Simpson,

Amec Foster Wheeler has been retained by the Nebraska Army National Guard (NEARNG) to prepare a NEPA compliant document for development of a National Guard Readiness Center at Offutt Air Force Base in Bellevue, Sarpy County, Nebraska. The legal description is the southwest quarter of Section 03, Township 13 North, Range 13 East. The proposed project area is approximately 41 acres, however only approximately 10.6 acres are anticipated to be permanently disturbed as a part of this project. A new readiness center is necessary to replace current training facilities, which are unable to support the units' organizational needs and do not meet the current standards for Army National Guard facilities. The area was previously an Offutt Air Force Base housing development that has since been removed and reclaimed.

We respectfully request your review for records for any additional natural features (e.g., rare/endangered species, habitat, natural areas, etc.) that are known to occur within and in the immediate vicinity of the attached aerial map and zipped shapefile of the general project area.

Based on the January 2017 Natural Heritage Program Estimated Current Ranges of Threatened and Endangered Species: List of Species by County, the following state listed species are known to occur within Sarpy County:

Birds	State Status
Interior Least Tern (<i>Sterna antillarum athalassos</i>)	Endangered
Piping Plover (<i>Charadrius melodus</i>)	Threatened
Fish	
Lake Sturgeon (<i>Acipenser fulvescens</i>)	Threatened
Pallid Sturgeon (<i>Scaphirhynchus albus</i>)	Endangered
Sturgeon Chub (<i>Macrhybopsis gelida</i>)	Endangered
Mammals	
River Otter (<i>Lontra canadensis</i>)	Threatened
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Threatened
Plants	
American Ginseng (<i>Panax quinquefolium</i>)	Threatened
Western Prairie Fringed Orchid (<i>Platanthera praeclara</i>)	Threatened

Please contact me at (303) 975-2187 or gordon.kersten@amecfw.com if you have any questions and to let me know where to send the check when you have an invoice available. Thank you for your time and expertise.

Best Regards,

Gordon Kersten

Staff Biologist

Amec Foster Wheeler | Environment & Infrastructure
2000 S Colorado Blvd | Suite 2 – 1000 | Denver, CO 80222
T +1 303-975-2187 gordon.kersten@amecfw.com

Kersten, Gordon

From: Simpson, Rachel <rachel.simpson@nebraska.gov>
Sent: Wednesday, June 28, 2017 5:07 PM
To: Kersten, Gordon
Subject: RE: DATA REQUEST REGARDING NATURAL RESOURCES IN SARPY COUNTY, NEBRASKA
Attachments: Amec Foster Wheeler 2017-06-28.zip

Dear Mr. Kersten,

Attached is a zipfile with letter, spreadsheet, supplemental information, and invoice. I hope this is of assistance.

Please let me know if you have any questions.

Sincerely,

Rachel Simpson

Rachel Simpson, Ph.D.
Data Manager/GIS Analyst
Nebraska Natural Heritage Program
Nebraska Game and Parks Commission
2200 N. 33rd St.
Lincoln, NE 68503
rachel.simpson@nebraska.gov
402-471-5427



Nebraska Game and Parks Commission

2200 N. 33rd St. • P.O. Box 30370 • Lincoln, NE 68503-0370 • Phone: 402-471-0641 • Fax: 402-471-5528

June 28, 2017

Gordon Kersten
Amec Foster Wheeler
Environment & Infrastructure
2000 S Colorado Blvd
Suite 2 – 1000
Denver, CO 80222

Dear Mr. Kersten,

With this letter I am providing data in response to your request for information from the Nebraska Natural Heritage Database.

The Nebraska Natural Heritage Program tracks occurrences of “at-risk” species within the state. “At-risk” species are defined as those that are rare or declining in Nebraska, unique to Nebraska, or declining globally. For birds, our current policy is to only track breeding locations (with the exception of a few species that are only migratory in the state). State and federally listed threatened and endangered species are among those tracked by the Natural Heritage Program. The Program also tracks occurrences of the various types of natural plant communities in the state, both rare and common. Conservation of these communities serves as a “coarse filter” to help conserve the majority of species and preclude their decline to at-risk status. All at-risk species and natural communities are considered a valuable state resource worthy of ensuring their continued existence in Nebraska.

Our at-risk species are categorized as Tier 1 or 2. Tier 1 species are those that are globally or nationally most at-risk of extinction and which occur in Nebraska. Tier 2 species are typically those that are not at-risk from a global or national perspective but are rare or imperiled within Nebraska. ‘Tier 1 Provisional’ indicates that the species met the criteria for Tier 1 status following the publication of the Nebraska Natural Legacy Plan but not been officially added.

The attached spreadsheet shows a list of ***Tier 1 and 2 at-risk species*** for which we have records (from 1975 or later) of documented occurrences within 3 miles of your project area (as defined by the polygon you provided).

In addition to the records for species that are listed on the attached spreadsheet, we have records for documented occurrences (from 1975 or later) for the following ***natural communities*** within 3 miles of your project area: Dry-Mesic Bur Oak Forest and Woodland (GNR, S2S3) and Upland TallGrass Prairie (G2, S1S2).

The supplementary document called '***Heritage Conservation Status Ranks***' provides explanations of global and state conservation status ranks (Granks and Srank).

Please be aware that although the Nebraska Natural Heritage database is the most up-to-date and comprehensive database available on the occurrences of rare species and natural communities, many areas have not been inventoried or reported on to the Natural Heritage Program. Similarly, the record of one rare species at a location does not imply that other species have been surveyed at that site or reported to the Natural Heritage Program. As such, the data should be interpreted with abundant caution, and an "absence of evidence is not evidence of absence" philosophy followed.

Please note that this correspondence does not satisfy requirements of the Nongame and Endangered Species Conservation Act. Under the authority Neb.Rev.Stat. §37-807 (3) of the Nebraska Nongame and Endangered Species Conservation Act, all Nebraska state agencies are required to consult with the Nebraska Game and Parks Commission to ensure that any actions authorized, funded or carried out by them do not jeopardize the continued existence of a state listed species. This requirement would extend to any state permit issued. Please contact Michelle Koch (Michelle.Koch@Nebraska.gov, 402-471-5438) for assistance with determining the potential of an action to affect listed species.

I hope the information is helpful. If you have questions about the information provided or the attached invoice, please contact me at 402-471-5427 or Rachel.Simpson@Nebraska.gov.

Sincerely,



Rachel Simpson
Data Manager/GIS Analyst
Nebraska Natural Heritage Program
Nebraska Game and Parks Commission



Documented Occurrences within 3 Miles of Project:
Special status species (Tier 1 and 2 at-risk species and
additional S1-S3 plants):

Scientific Name	Common Name	USFWS	State	SGCN	SRank	GRank
Corallorhiza odontorhiza	Autumn Coral-root			Tier 2	S1?	G5
Vireo bellii	Bell's Vireo			Tier 1	S4	G5
Patis racemosa	Black-seed Ricegrass			Tier 2	S2	G5
Setophaga cerulea	Cerulean Warbler			Tier 1	S2	G4
Asclepias amplexicaulis	Clasping-leaf Milkweed			Tier 2	S1	G5
Monotropa uniflora	Indian-pipe			Tier 2	S1	G5
Parkesia motacilla	Louisiana Waterthrush			Tier 2	S1	G5
Lilium michiganense	Michigan Lily				S2S4	G5
Aesculus glabra var. arguta	Ohio Buckeye			Tier 2	S1S2	G5T4?Q
Arnoglossum atriplicifolium	Pale Indian-plantain			Tier 2	S4	G4G5
Ulmus thomasii	Rock Elm				S2S4	G5
Vireo flavifrons	Yellow-throated Vireo			Tier 2	S3	G5

Kersten, Gordon

From: Kersten, Gordon
Sent: Monday, June 19, 2017 2:18 PM
To: 'eliza_hines@fws.gov'
Subject: REQUEST FOR INFORMATION REGARDING NATURAL RESOURCES FOR A PROPOSED STRUCTURE AT OFFUTT AIR FORCE BASE IN SARPY COUNTY, NEBRASKA
Attachments: 310102_20161004_Bellevue_2014.pdf; Bellevue_Project_Area_poly.zip

Dear Ms. Hines,

Amec Foster Wheeler has been retained by the Nebraska Army National Guard (NEARNG) to prepare a NEPA compliant document for development of a National Guard Readiness Center at Offutt Air Force Base in Bellevue, Sarpy County, Nebraska. The legal description is the southwest quarter of Section 03, Township 13 North, Range 13 East. The proposed project area is approximately 41 acres, however only approximately 10.6 acres are anticipated to be permanently disturbed as a part of this project. A new readiness center is necessary to replace current training facilities, which are unable to support the units' organizational needs and do not meet the current standards for Army National Guard facilities. The area was previously an Offutt Air Force Base housing development that has since been removed and reclaimed.

Based on our research through the USFWS IPaC website (Case Number 06E22000-2017-SLI-0167), the federally listed species that may occur within the project area are provided in the table below.

Birds	Federal Status
Least tern (<i>Sterna antillarum</i>)	Endangered
Piping plover (<i>Charadrius melodus</i>)	Threatened
Fish	
Pallid sturgeon (<i>Scaphirynchus albus</i>)	Endangered
Flowering Plants	
Western prairie fringed orchid (<i>Platanthera praeclara</i>)	Threatened
Mammals	
Northern Long-eared Bat (<i>Myotis septentrionalis</i>)	Threatened

We respectfully request your review of the attached map and zipped shapefile of the project area to provide concurrence on these species and provide any additional information regarding listed species or habitats in the area.

Please contact me at (303)-975-2187 or Gordon.Kersten@amecfw.com if you have any questions or need additional information. Thank you for your time and expertise.

Best Regards,

Gordon Kersten

Staff Biologist

Amec Foster Wheeler | Environment & Infrastructure
2000 S Colorado Blvd | Suite 2 – 1000 | Denver, CO 80222
T +1 303-975-2187 gordon.kersten@amecfw.com



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
Nebraska Field Office
9325 South Alda Road
Wood River, Nebraska 68883



August 16, 2017

FWS NE: 2017-359

Mr. Gordon Kersten
Amec Foster Wheeler
2000 S. Colorado Boulevard
Suite 2 - 1000
Denver, Colorado 80222

Re: Technical Assistance for Nebraska Army National Guard, Construction of National Guard Readiness Center at Offutt Air Force Base, Bellevue, Sarpy County, Nebraska.

Dear Mr. Kersten:

This responds to your June 19, 2017, request for technical assistance from the U.S. Fish and Wildlife Service (Service) for the proposed development of a National Guard Readiness Center at Offutt Air Force Base in Bellevue, Sarpy County, Nebraska. The Service has responsibility for conservation and management of fish and wildlife resources for the benefit of the American public under the following authorities: 1) Endangered Species Act of 1973; 2) Fish and Wildlife Coordination Act; 3) Bald and Golden Eagle Protection Act; and 4) Migratory Bird Treaty Act (MBTA). The National Environmental Policy Act requires compliance with all of these statutes and regulations.

The Service has special concerns for endangered and threatened species, migratory birds, and other fish and wildlife and their habitats. Habitats frequently used by fish and wildlife species are wetlands, streams, riparian (streamside) woodlands, and grasslands. Special attention is given to proposed developments that include modification of wetlands, stream alteration, loss of riparian habitat, or contamination of habitats. When this occurs, the Service recommends ways to avoid, minimize, or compensate for adverse effects to fish and wildlife and their habitats.

Based on the information you have provided and our office records, we do not anticipate any impacts on federally listed species or their critical habitats. The proposed project area is within an existing housing development and is currently occupied by homes. The proposed site does occur within the white-nose syndrome buffer zone for the Northern long-eared bat (NLEB). Minor tree clearing is planned, but will occur in winter, outside of the NLEB breeding season (June 1 to July 31; G. Kersten, personal communication, July 18, 2017). The proposed project

area is not located near any NLEB hibernacula. Additionally, clearing trees only during the winter would avoid any adverse impacts to migratory birds, which are protected until MBTA as well. Should the project design change, or during the term of this action, additional information on listed or proposed species or their critical habitat become available, or if new information reveals effects of the action that were not previously considered, consultation with the Service should be initiated to assess any potential impacts on listed species.

All federally listed species under ESA are also State-listed under the Nebraska Nongame and Endangered Species Conservation Act. However, there are also State-listed species that are not federally listed. To determine if the proposed project may affect State-listed species, the Service recommends that the project proponent contact Mr. Ryan Joe (ryan.joe@nebraska.gov) at the Nebraska Game and Parks Commission, 2200 N. 33rd Street, Lincoln, NE 68503-0370.

The Service appreciates the opportunity to review and comment on the subject proposed project. Should you have questions regarding these comments, please contact Ms. Amanda Ciurej within our office at amanda_ciurej@fws.gov or (308) 382-6468, extension 211.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eliza Hines", with a stylized, flowing script.

Eliza Hines
Nebraska Field Supervisor

cc: NGPC; Lincoln, NE (Attn: Ryan Joe)



October 13, 2016

Mr. Larry Vrtiska
NEARNG
2433 NW 24th Street
Lincoln, Nebraska 68524-1801

RE: HP# 1610-094-01 Construction of Bellevue Readiness Center, Bellevue, NE

Dear Mr. Vrtiska,

Thank you for submitting the referenced project proposal for our review and comment. Our comment on this project and its potential to affect historic properties is required by Section 106 of the National Historic Preservation Act of 1966, as amended, and implementing regulations 36 CFR Part 800.

Given the information provided, in our opinion there will be no historic properties affected by the project as proposed. Should any changes in the project be made or in the type of funding or assistance provided through federal or state agencies, please notify this office of the changes before further project planning continues.

Please retain this correspondence and your documented finding in order to show compliance with Section 106 of the National Historic Preservation Act, as amended. If you have any questions, please contact me at 402-471-4773.

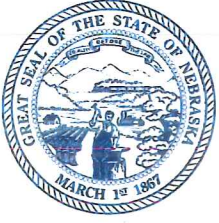
Sincerely,

A handwritten signature in black ink, appearing to read "Jill Dolberg". The signature is written over the printed name "Jill E. Dolberg".

Jill E. Dolberg
Review and Compliance Coordinator
Nebraska State Historical Society

1500 R Street
PO Box 82554
Lincoln, NE 68501-2554
p: (800) 833-6747
(402) 471-3270
f: (402) 471-3100
www.nebraskahistory.org

STATE OF NEBRASKA



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

7 October 2016

Jill Dolberg
State Historical Society
PO Box 82554
Lincoln, NE 68501

RE: Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

Dear Jill Dolberg:

In accordance with the National Historic Preservation Act (NHPA) Section 106 process the Nebraska Army National Guard (NEARNG) is requesting the Nebraska State Historical Societies concurrence for the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

The NEARNG is requesting written response with concurrence regarding this project. Your response will be incorporated into our NEPA process. Mailing address is as follows:

Nebraska Army National Guard
Joint Forces Headquarters-CFMO
Attn: Mr. Larry Vrtiska
2433 NW 24th Street
Lincoln, NE 68524-1801

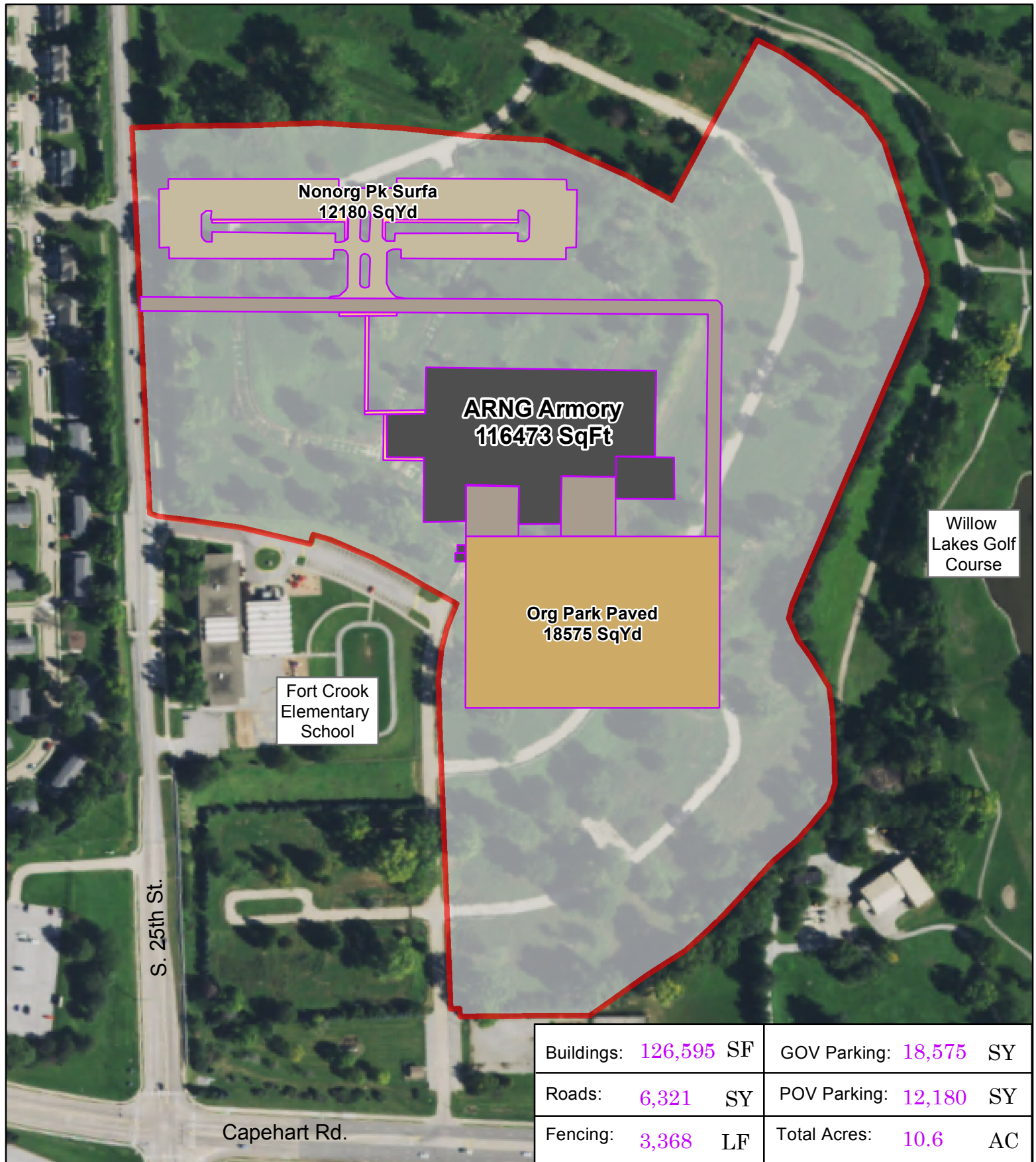
Point of contact for this issue is the undersigned, at 402-309-8460 or lawrence.a.vrtiska.nfg@mail.mil.

A handwritten signature in blue ink, appearing to read "Larry Vrtiska".

LARRY VRTISKA
CIV, NEARNG
Environmental Program Manager

Bellevue Location

Project Number: 310102



- Site Boundary
- Buildings
- Sidewalks
- Nonorg Pk Surfa
- Org Park Paved
- Roads

1:3,000

0 125 250 500 Feet



Projection: UTM 14N
Datum: WGS 84
Source: 2014 FSA
Date: 20161004
Created by: CFMO-PPB
310102_Bellevue.mxd



Bellevue Location

Project Number: 310102



 Site Boundary

1:4,000

0 250 500 1,000 Feet



Projection: UTM 14N
Datum: WGS 84
Source: 2012 FSA
Date: 20161004
Created by: CFMO-PPB
310102_20161004_Bellevue_2012.mxd



Bellevue Location

Project Number: 310102

AFB housing demolished in 2014

41 Acres

Willow
Lakes Golf
Course

Fort Crook
Elementary
School

S. 25th St.

Capehart Rd.

 Site Boundary

1:4,000

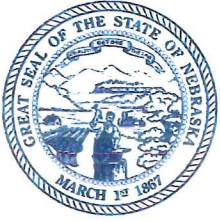
0 250 500 1,000 Feet



Projection: UTM 14N
Datum: WGS 84
Source: 2014 FSA
Date: 20161004
Created by: CFMO-PPB
310102_Bellevue_2014.mxd



STATE OF NEBRASKA



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

3 November 2016

MEMORANDUM FOR RECORD

SUBJECT: Tribal Consultation for the proposed Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

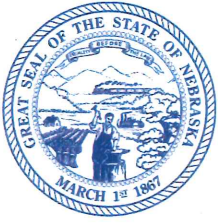
The Military Department of the State of Nebraska initially consulted with the Sac and Fox Nation of Missouri in Kansas and Nebraska, Sac and Fox Nation of Oklahoma, Sac and Fox Tribe of the Mississippi in Iowa, Iowa Tribe of Oklahoma, Otoe Missouri Tribe of Indians Oklahoma and Omaha Tribe of Oklahoma via mail on 6 October 2016.

To date, the Military Department of the State of Nebraska has not received any comments either via email or mail from the Otoe Missouri Tribe of Indians Oklahoma and Omaha Tribe of Oklahoma.

A handwritten signature in black ink, appearing to read "Larry Vrtiska".

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

STATE OF NEBRASKA



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

20 February 2018

MEMORANDUM FOR THE RECORD

SUBJECT: Tribal Consultations the Bellevue Readiness Center Environmental Assessment; Project Number 310102.

1. The Nebraska Army National Guard (NEARNG) is in the process of preparing an Environmental Assessment (EA) for the proposed action under the Council of Environmental Quality's (CEQ) regulations (40 CFR 1500) in compliance with the National Environmental Policy Act (NEPA). The EA evaluates the potential environmental, socioeconomic, and cultural impacts of the proposed action and its alternatives.
2. The NEARNG proposes to construct a Readiness Center (RC) at Offutt Air Force Base in Bellevue, Sarpy County, Nebraska. The proposed action is necessary to support the NEARNG Federal and state mission. The complex would include the readiness center, backup/emergency generator, visitor and organizational vehicle parking (paved), controlled waste facility, flammable materials facility, and refuse collection facility. The complex would encompass approximately 11.0 acres.
3. The NEPA and the CEQ regulations require the proponent of the proposed action to consult with Native American tribes that would have interest within the area of the proposed action. The NEARNG uses a three notification method to notify tribes of a proposed action.
4. While researching the tribal interests in Sarpy County, tribes were contacted at different times. Six tribes were initially contacted in October 2016. Two tribes were initially contacted in February 2018. This memorandum describes the notification process for all tribes.
 - a. Iowa Tribe of Oklahoma, Omaha Tribe of Nebraska, Otoe Missouri Tribe of Indians Oklahoma, Sac & Fox Nation of Missouri in Kansas and Nebraska, Sac & Fox Nation of Oklahoma, and the Sac & Fox Tribe of the Mississippi in Iowa.
 - (1) Notification #1: In October 2016, certified letters were mailed to these tribes.
 - (2) Notification #2: In February 2018, emails were sent to the Tribal Historical Preservation Officers (THPO) or similar points of contact with the EA and a scanned copy of the original certified letter attached.
 - (3) Notification #3: A certified letter will be mailed to all tribes inviting them to participate in the Public Comment period once the EA has been determined legally sufficient.
 - b. Ponca Tribe of Nebraska
 - (1) Notification #1: In February 2018, a certified letter with a compact disk containing the EA was sent to the THPO.
 - (2) Notification #2: On March 5, 2018, the THPO will be called.
 - (3) Notification #3: A certified letter will be mailed to all tribes inviting them to participate in the Public Comment period once the EA has been determined legally sufficient.

NEARNG-CFMO-ENV

SUBJECT: Tribal Consultations the Bellevue Readiness Center Environmental Assessment; Project Number 310102.

c. Iowa Tribe of Kansas and Nebraska

- (1) Notification #1: In February 2018, an email containing the EA was sent to the THPO.
- (2) Notification #2: On March 5, 2018, the THPO will be called.
- (3) Notification #3: A certified letter will be mailed to all tribes inviting them to participate in the Public Comment period once the EA has been determined legally sufficient.

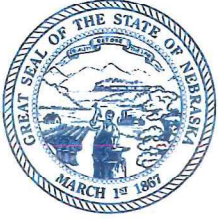
5. Point of contact for this memorandum is Larry Vrtiska, Environmental Program Manager, at 402-309-8460 or lawrence.a.vrtiska.nfg@mail.mil.



LARRY VRTISKA
CIV, NEARNG
Environmental Program Manager

STATE OF NEBRASKA

Iowa Tribe of Oklahoma
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

6 October 2016

Iowa Tribe of Oklahoma
RR 1 Box 721
335588 E. 750 Road
Perkins, OK 74059

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

On 27 October 1999, the Department of Defense (DoD) promulgated its Annotated American Indian and Alaska Native Policy, which emphasizes the importance of respecting and consulting with tribal governments on a government-to-government basis. This Policy requires an assessment, through consultation, of the effect of proposed DoD actions that may have the potential to significantly affect protected tribal resources, tribal rights, and Indian lands before decisions are made by the respective services. A copy of the ICRMP revision is available for review. Please request a copy from the undersigned. With this letter, the Military Department of the State of Nebraska requests your consultation on impacts of this proposed action on tribal resources.

If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

A handwritten signature in blue ink, appearing to read "Larry A. Vrtiska".

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Friday, February 16, 2018 11:27 AM
To: 'ascott@iowanation.org'
Cc: Howser, Rebecca L NFG NG NEARNG (US)
Subject: Tribal Consultation for the Bellevue Readiness Center
Attachments: Bellevue_Readiness_Center_Environmental_Assessment_DRAFT.PDF; Iowa Tribe of Oklahoma_Consultation Request.pdf
Signed By: rebecca.l.howser2.nfg@mail.mil

On October 6, 2016, the Nebraska Army National Guard requested consultation with your Tribe on the Bellevue Readiness Center Project located at the Offutt Air Force Base in Bellevue, Nebraska (please see the original request attached). The purpose of the consultation is to determine if the effects of the proposed actions will have the potential to significantly affect the protected tribal resources, tribal rights, and Indian lands. The Military Department of the State of Nebraska requests the Iowa Tribe of Oklahoma review the attached Environmental Assessment of the Bellevue Readiness Center Project and respond with your consultation.

You may provide your response to this email or via mail to our office:

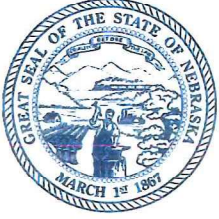
NEARNG-CFMO-ENV
c/o Lawrence Vrtiska
2433 NW 24th Street
Lincoln, NE 68524-1801

If you have any questions or concerns regarding the project, please contact me by phone at 402-309-8468 or email at rebecca.l.howser2.nfg@mail.mil. Thank you for your time.

Rebecca L. Howser
Environmental Analyst II - NEPA
402-309-8468
rebecca.l.howser2.nfg@mail.mil

STATE OF NEBRASKA

Omaha Tribe of Nebraska
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

7 October 2016

Omaha Tribe of Oklahoma
Omaha Tribal Council
P.O. Box 368
Macy, NE 68039

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

On 27 October 1999, the Department of Defense (DoD) promulgated its Annotated American Indian and Alaska Native Policy, which emphasizes the importance of respecting and consulting with tribal governments on a government-to-government basis. This Policy requires an assessment, through consultation, of the effect of proposed DoD actions that may have the potential to significantly affect protected tribal resources, tribal rights, and Indian lands before decisions are made by the respective services. A copy of the ICRMP revision is available for review. Please request a copy from the undersigned. With this letter, the Military Department of the State of Nebraska requests your consultation on impacts of this proposed action on tribal resources.

If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Friday, February 16, 2018 12:54 PM
To: 'cjharlan59@yahoo.com'
Cc: Howser, Rebecca L NFG NG NEARNG (US)
Subject: Tribal Consultation for the Bellevue Readiness Center
Attachments: Bellevue_Readiness_Center_Environmental_Assessment_DRAFT.PDF; Omaha Tribe of Oklahoma_Consultation Request.pdf
Signed By: rebecca.l.howser2.nfg@mail.mil

On October 6, 2016, the Nebraska Army National Guard requested consultation with your Tribe on the Bellevue Readiness Center Project located at the Offutt Air Force Base in Bellevue, Nebraska (please see the original request attached). The purpose of the consultation is to determine if the effects of the proposed actions will have the potential to significantly affect the protected tribal resources, tribal rights, and Indian lands. The Military Department of the State of Nebraska requests the Omaha Tribe of Nebraska review the attached Environmental Assessment of the Bellevue Readiness Center Project and respond with your consultation.

You may provide your response to this email or via mail to our office:

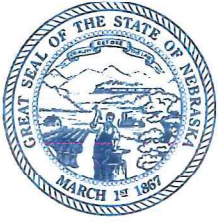
NEARNG-CFMO-ENV
c/o Lawrence Vrtiska
2433 NW 24th Street
Lincoln, NE 68524-1801

If you have any questions or concerns regarding the project, please contact me by phone at 402-309-8468 or email at rebecca.l.howser2.nfg@mail.mil. Thank you for your time.

Rebecca L. Howser
Environmental Analyst II - NEPA
402-309-8468
rebecca.l.howser2.nfg@mail.mil

STATE OF NEBRASKA

Otoe Missouri Tribe of Indians Oklahoma
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

6 October 2016

Otoe Missouri Tribe of Indians Oklahoma
8151 Highway 177
Red Rock, OK 74651

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

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If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Tuesday, February 20, 2018 12:54 PM
To: Howser, Rebecca L NFG NG NEARNG (US)
Subject: FW: [Non-DoD Source] 2020 Bellevue Readiness Center Project
Attachments: Otoe Missouri Tribe of Indians Oklahoma_Consultation Request.pdf; 2017-10-19 Draft EA_Bellevue Readiness Center_NEARNG FORMATTED.DOCX
Signed By: rebecca.l.howser2.nfg@mail.mil

-----Original Message-----

From: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
Sent: Thursday, February 15, 2018 7:26 AM
To: Whitehorn, Elsie <ewwhitehorn@omtribe.org>
Cc: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
<lawrence.a.vrtiska.nfg@mail.mil>
Subject: RE: [Non-DoD Source] 2020 Bellevue Readiness Center Project

Good morning Elsie,

Attached you will find the original letter and also attached is the draft Environmental Assessment. Please let me know if you have any questions and we look forward to any comments you may have.

V.R.

Larry Vrtiska
Environmental Program Manager
Phone: 402-309-8460
E-mail: lawrence.a.vrtiska.nfg@mail.mil

-----Original Message-----

From: Whitehorn, Elsie [mailto:ewwhitehorn@omtribe.org]
Sent: Wednesday, February 14, 2018 1:20 PM
To: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
<lawrence.a.vrtiska.nfg@mail.mil>
Subject: RE: [Non-DoD Source] 2020 Bellevue Readiness Center Project

Thank you, you can send it to Elsie Whitehorn. An electronic version would be better if that's possible?

Thanks,
Elsie Whitehorn

-----Original Message-----

From: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
[mailto:lawrence.a.vrtiska.nfg@mail.mil]
Sent: Wednesday, February 14, 2018 12:23 PM
To: Whitehorn, Elsie <ewwhitehorn@omtribe.org>
Cc: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)

<lawrence.a.vrtiska.nfg@mail.mil>

Subject: RE: [Non-DoD Source] 2020 Bellevue Readiness Center Project

Hello Elsie,

I can do that. Do you have a point of contact or e-mail address for the person to send this information too?

V.R.

Larry Vrtiska
Environmental Program Manager
Phone: 402-309-8460
E-mail: lawrence.a.vrtiska.nfg@mail.mil

-----Original Message-----

From: Whitehorn, Elsie [mailto:ewwhitehorn@omtribe.org]
Sent: Wednesday, February 14, 2018 11:29 AM
To: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
<lawrence.a.vrtiska.nfg@mail.mil>
Subject: [Non-DoD Source] 2020 Bellevue Readiness Center Project

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Good morning,

Will you please forward any information regarding the 2020 Bellevue Readiness Center Project in Bellevue, Nebraska to the Otoe-Missouria Tribal Historic Preservation Office? Please let me know if you have any questions.

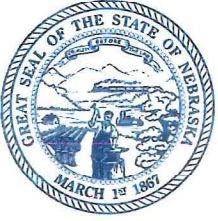
Thank you,

Elsie Whitehorn
Tribal Historic Preservation Officer
Otoe-Missouria Tribe
8151 HWY 177
Red Rock, OK 177

ewwhitehorn@omtribe.org < Caution-mailto:ewwhitehorn@omtribe.org >

STATE OF NEBRASKA

Sac & Fox Nation of Missouri in Kansas and Nebraska
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

6 October 2016

Sac and Fox Nation of Missouri in Kansas and Nebraska
305 North Main Street
Reserve, KS 66434

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

On 27 October 1999, the Department of Defense (DoD) promulgated its Annotated American Indian and Alaska Native Policy, which emphasizes the importance of respecting and consulting with tribal governments on a government-to-government basis. This Policy requires an assessment, through consultation, of the effect of proposed DoD actions that may have the potential to significantly affect protected tribal resources, tribal rights, and Indian lands before decisions are made by the respective services. A copy of the ICRMP revision is available for review. Please request a copy from the undersigned. With this letter, the Military Department of the State of Nebraska requests your consultation on impacts of this proposed action on tribal resources.

If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

A handwritten signature in blue ink, appearing to read "Larry A. Vrtiska".

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Tuesday, February 20, 2018 1:00 PM
To: Howser, Rebecca L NFG NG NEARNG (US)
Subject: FW: [Non-DoD Source] RE: Tribal Consultation for the Bellevue Readiness Center Project 310102
Signed By: rebecca.l.howser2.nfg@mail.mil

-----Original Message-----

From: Tricia Nioce [mailto:tnioce@sacandfoxcasino.com]
Sent: Wednesday, February 14, 2018 8:19 AM
To: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
<lawrence.a.vrtiska.nfg@mail.mil>
Cc: Lisa Montgomery <lisa.montgomery@sacfoxenviro.org>
Subject: [Non-DoD Source] RE: Tribal Consultation for the Bellevue Readiness Center Project 310102

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

I have CC'd this to our EPA Director Lisa Montgomery for her review.
Tricia Nioce

From: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
[lawrence.a.vrtiska.nfg@mail.mil]
Sent: Wednesday, February 14, 2018 8:13 AM
To: Tricia Nioce
Cc: Vrtiska, Lawrence A Jr NFG NG NEARNG (US)
Subject: Tribal Consultation for the Bellevue Readiness Center Project 310102

Good morning,

On 6 October 2016 the Nebraska Army National Guard sent the attached letter requesting consultation for our proposed 2020 Bellevue Readiness Center located in Bellevue Nebraska. We are requesting written concurrence or non-concurrence for any impacts the proposed project may have on tribal resources. We have Christine Dougherty as our point of contact for Environmental related items, but I do not have her e-mail address to forward this information too.

Please let me know if you need additional information.

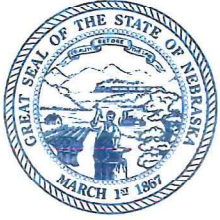
V.R.

Larry Vrtiska
Environmental Program Manager

Phone: 402-309-8460
E-mail: lawrence.a.vrtiska.nfg@mail.mil <
Caution-mailto:lawrence.a.vrtiska.nfg@mail.mil >

STATE OF NEBRASKA

Sac & Fox Nation of Oklahoma
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

6 October 2016

Sac and Fox Nation of Oklahoma
356263 E. 926 Rd.
Stroud, OK 74079

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

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If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

A handwritten signature in blue ink, appearing to read "Larry A. Vrtiska".

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Friday, February 16, 2018 12:15 PM
To: 'jeremy.finch@foxnation-nsn.gov'
Cc: Howser, Rebecca L NFG NG NEARNG (US)
Subject: Tribal Consultation for the Bellevue Readiness Center
Attachments: Sac and Fox Nation of Oklahoma_Consultation Request.pdf;
Bellevue_Readiness_Center_Environmental_Assessment_DRAFT.PDF
Signed By: rebecca.l.howser2.nfg@mail.mil

On October 6, 2016, the Nebraska Army National Guard requested consultation with your Tribe on the Bellevue Readiness Center Project located at the Offutt Air Force Base in Bellevue, Nebraska (please see the original request attached). The purpose of the consultation is to determine if the effects of the proposed actions will have the potential to significantly affect the protected tribal resources, tribal rights, and Indian lands. The Military Department of the State of Nebraska requests the Sac and Fox Nation of Oklahoma review the attached Environmental Assessment of the Bellevue Readiness Center Project and respond with your consultation.

You may provide your response to this email or via mail to our office:

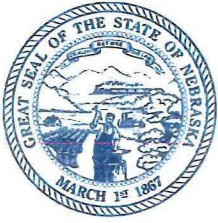
NEARNG-CFMO-ENV
c/o Lawrence Vrtiska
2433 NW 24th Street
Lincoln, NE 68524-1801

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Rebecca L. Howser
Environmental Analyst II - NEPA
402-309-8468
rebecca.l.howser2.nfg@mail.mil

STATE OF NEBRASKA

Sac & Fox Tribe of the Mississippi in Iowa
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NEARNG-CFMO-ENV

6 October 2016

Sac and Fox Tribe of the Mississippi in Iowa
349 Meskwaki Road
Tama, IA 52339

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

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If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Thursday, February 15, 2018 12:40 PM
To: 'director.historic@meskwaki-nsn.gov'
Cc: Howser, Rebecca L NFG NG NEARNG (US)
Subject: Tribal Consultation for the Bellevue Readiness Center
Attachments: Bellevue_Readiness_Center_Environmental_Assessment_DRAFT.PDF; Sac and Fox Tribe of the Mississippi in Iowa_Consultation Request.pdf
Signed By: rebecca.l.howser2.nfg@mail.mil

On October 6, 2016, the Nebraska Army National Guard requested consultation with your Tribe on the Bellevue Readiness Center Project located at the Offut Air Force Base in Bellevue, Nebraska (please see the original request attached). The purpose of the consultation is to determine if the effects of the proposed actions will have the potential to significantly affect the protected tribal resources, tribal rights, and Indian lands. The Military Department of the State Of Nebraska requests the Sac and Fox Tribe of the Mississippi in Iowa review the attached Environmental Assessment of the Bellevue Readiness Center Project and respond with your consultation.

You may provide your response to this email or via mail to our office:

NEARNG-CFMO-ENV
c/o Lawrence Vrtiska
2433 NW 24th Street
Lincoln, NE 68524-1801

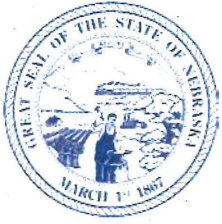
If you have any questions or concerns regarding the project, please contact me by phone at 402-309-8468 or email at rebecca.l.howser2.nfg@mail.mil. Thank you for your time.

Rebecca L. Howser
Environmental Analyst II - NEPA

NEARNG-CFMO-ENV
2433 NW 24th Street
Lincoln, NE 68524-1801
Office: 402-309-8468
Email: rebecca.l.howser2.nfg@mail.mil

STATE OF NEBRASKA

Ponca Tribe of Nebraska
Consultation Request #1



Pete Ricketts
Governor

MILITARY DEPARTMENT
Daryl L. Bohac
Director
Joint Force Headquarters
2433 NW 24th Street
Lincoln, Nebraska 68524-1801
Phone: 402-309-8210

NENG-CFMO-ENV

February 16, 2018

Ponca Tribe of Nebraska
Ponca Tribal Council
P.O. Box 288
Niobrara, NE 68760

SUBJECT: Tribal Consultation for the Bellevue Readiness Center Project 310102, Bellevue, Nebraska.

The Nebraska Army National Guard (NEARNG) is proposing the construction of the Bellevue Readiness Center Project 310102, Bellevue, Nebraska. The NEARNG is requesting the permit and license for approximately 41 acres of land at the Offutt AFB to construct a 126,595 square foot Readiness Center that supports training, administrative, and logistical requirements for the NEARNG. The Readiness center is to support the 72nd Civil Support Team (CST). This property is located within the Capehart Housing area at Offutt AFB and previously consisted of Base Housing until 2011 when the housing was demolished. The site is currently undeveloped and the property contains no buildings or structures.

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If you have any questions, or require additional information, please do not hesitate to call me at (402)309-8460 or lawrence.a.vrtiska.nfg@mail.mil. Thank you for your time in reviewing this project.

A handwritten signature in blue ink, appearing to read "Larry A. Vrtiska".

LARRY A. VRTISKA
CIV, NEARNG
Environmental Program Manager

Howser, Rebecca L NFG NG NEARNG (US)

From: Howser, Rebecca L NFG NG NEARNG (US)
Sent: Friday, February 16, 2018 11:08 AM
To: 'lfoster@lowas.org'
Subject: Tribal Consultation for the Bellevue Readiness Center
Attachments: Bellevue_Readiness_Center_Environmental_Assessment_DRAFT.PDF
Signed By: rebecca.l.howser2.nfg@mail.mil

Nebraska Army National Guard requests a consultation with your Tribe on the Bellevue Readiness Center Project located at the Offutt Air Force Base in Bellevue, Nebraska. The purpose of the consultation is to determine if the effects of the proposed actions will have the potential to significantly affect the protected tribal resources, tribal rights, and Indian lands. The Military Department of the State of Nebraska requests the Iowa Tribe of Kansas and Nebraska review the attached Environmental Assessment of the Bellevue Readiness Center Project and respond with your consultation.

You may provide you response to this email or vial mail to our office:

NEARNG-CFMO-ENV
c/o Lawrence Vrtiska
2433 NW 24th Street
Lincoln, NE 68524-1801

If you have any questions or concerns regarding the project, please contact me by phone at 402-309-8468 or email at rebecca.l.howser2.nfg@mail.mil. Thank you for your time.

Rebecca L. Howser
Environmental Analyst II - NEPA
402-309-8468
rebecca.l.howser2.nfg@mail.mil



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

City of Bellevue Planning Department
Attn: Mr. Chris Shewchuk, Director
1510 Wall Street
Bellevue, Nebraska 68005

Dear Mr. Chris Shewchuk,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The attached figures show the location of the Proposed Action. The EA will also examine a no- action alternative and the cumulative effects when combined with past, present, and any future proposals.

In addition to reaching out to Native American governments, the USAF has initiated federal and state government coordination on this Proposed Action. Offutt AFB and the Nebraska Army National Guard are not aware of any Native American Traditional Cultural Properties (TCPs) within or near the proposed activities. Nevertheless, the USAF would like to initiate government-to- government consultation regarding this proposed undertaking and requests your assistance identifying any properties of religious and cultural significance of which we may be unaware, particularly those which may be affected by the Proposed Action.

The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

Copies of the Draft EA and the proposed Finding of No Significant Impact are available at <http://www.afceec.af.mil/Home/Environment/>. If you have additional information regarding the Proposed Action and Alternatives for inclusion and consideration during the NEPA compliance process, we would appreciate receiving such information. To ensure that the

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

City of Lincoln Planning Department
Attn: Mr. David Cary, Director
555 S. 10th St., Ste. 213
Lincoln, NE, 68508

Dear Mr. David Cary,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The attached figures show the location of the Proposed Action. The EA will also examine a no-action alternative and the cumulative effects when combined with past, present, and any future proposals.

In addition to reaching out to Native American governments, the USAF has initiated federal and state government coordination on this Proposed Action. Offutt AFB and the Nebraska Army National Guard are not aware of any Native American Traditional Cultural Properties (TCPs) within or near the proposed activities. Nevertheless, the USAF would like to initiate government-to-government consultation regarding this proposed undertaking and requests your assistance identifying any properties of religious and cultural significance of which we may be unaware, particularly those which may be affected by the Proposed Action.

The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

Copies of the Draft EA and the proposed Finding of No Significant Impact are available at <http://www.afceec.af.mil/Home/Environment/>. If you have additional information regarding the Proposed Action and Alternatives for inclusion and consideration during the NEPA compliance process, we would appreciate receiving such information. To ensure that the

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

City of Omaha Planning Department
Attn: Mr. David K. Fanslau, Director
1819 Farnam Street, Suite 1100
Omaha, Nebraska 68183

Dear Mr. David Fanslau,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

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The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Federal Aviation Administration
Central Region
Attn: Scott Tener
901 Locust St.
Kansas City, MO 64106-2641

Dear Mr. Scott Tener,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
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The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

October 17, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Fish and Wildlife Services
Ecological Services
Nebraska Field Office
Attn: Eliza Hines (Nebraska Field Supervisor)
9325 South Alda Road
Wood River, Nebraska 68883

Dear Ms. Eliza Hines

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Lincoln Airport Authority
Attn: Bob McNally
PO Box 80407
Lincoln, Nebraska 68501

Dear Mr. Bob McNally,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Metropolitan Area Planning Agency
Attn: Mr. Greg Youell, Executive Director
2222 Cuming Street
Omaha, Nebraska 68102

Dear Mr. Greg Youell,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The attached figures show the location of the Proposed Action. The EA will also examine a no- action alternative and the cumulative effects when combined with past, present, and any future proposals.

In addition to reaching out to Native American governments, the USAF has initiated federal and state government coordination on this Proposed Action. Offutt AFB and the Nebraska Army National Guard are not aware of any Native American Traditional Cultural Properties (TCPs) within or near the proposed activities. Nevertheless, the USAF would like to initiate government-to- government consultation regarding this proposed undertaking and requests your assistance identifying any properties of religious and cultural significance of which we may be unaware, particularly those which may be affected by the Proposed Action.

The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

Copies of the Draft EA and the proposed Finding of No Significant Impact are available at <http://www.afceec.af.mil/Home/Environment/>. If you have additional information regarding the Proposed Action and Alternatives for inclusion and consideration during the NEPA compliance process, we would appreciate receiving such information. To ensure that the

USAF has sufficient time to consider your input in the preparation of the draft EA, a response within 30 days of receipt of this letter would be appreciated. Please send your responses to Ms. Traci Stites, 55 CES/CENPL; 106 Peacekeeper Drive, Suite 2N3; Offutt AFB, NE 68113-4019 or email at traci.stites.1@us.af.mil. Regardless of your decision to participate in the EA process and consult under the NHPA, we will contact you if human remains, sacred, funerary objects, or objects of cultural patrimony are inadvertently discovered; they will be subject to the Native American Graves Protection and Repatriation Act, as amended.

GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska Air National Guard
155 Air Refueling Wing
NW 25th Street
Lincoln, Nebraska 68524

Dear,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

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The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska Department of Environmental Quality
Attn: Mr. Jim Macy, Director
1200 North Street, Suite 400
Lincoln, Nebraska 68509

Dear Mr. Jim Macy,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two existing readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

- Construct an approximately 126,595 square foot National Guard Readiness Center.

The Sun Never Sets on the 'Fightin' Fifty-Fifth

- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

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The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

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within 30 days of receipt of this letter would be appreciated. Please send your responses to Ms. Traci Stites, 55 CES/CENPL; 106 Peacekeeper Drive, Suite 2N3; Offutt AFB, NE 68113-4019 or email at traci.stites.1@us.af.mil. Regardless of your decision to participate in the EA process and consult under the NHPA, we will contact you if human remains, sacred, funerary objects, or objects of cultural patrimony are inadvertently discovered; they will be subject to the Native American Graves Protection and Repatriation Act, as amended.

GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska Department of Natural Resources
Attn: Mr. Gordon W. "Jeff" Fassett
Director's Office
301 Centennial Mall South
Lincoln, Nebraska 68509

Dear Mr. Jeff Fassett,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

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The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

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2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska Game & Parks Commission
Nebraska Natural Heritage Program
Attn: Rachel Simpson (Data Manager/GIS Analyst)
22 N. 33rd Street, P.O. Box 30370
Lincoln, NE 68503-0370

Dear,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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The Sun Never Sets on the Fightin' Fifty-Fifth

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2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska Game and Parks Commission
Environmental Review Process
Attn: Mr. Carey Grell
2200 N. 33rd St.
Lincoln, NE 68503

Dear Mr. Carey Grell

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The Sun Never Sets on the Fightin' Fifty-Fifth

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska National Guard
2433 NW 24th St
Lincoln, Nebraska 68524

Dear,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two existing readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

- Construct an approximately 126,595 square foot National Guard Readiness Center.

The Sun Never Sets on the 'Fightin' Fifty-Fifth

- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The attached figures show the location of the Proposed Action. The EA will also examine a no-action alternative and the cumulative effects when combined with past, present, and any future proposals.

In addition to reaching out to Native American governments, the USAF has initiated federal and state government coordination on this Proposed Action. Offutt AFB and the Nebraska Army National Guard are not aware of any Native American Traditional Cultural Properties (TCPs) within or near the proposed activities. Nevertheless, the USAF would like to initiate government-to-government consultation regarding this proposed undertaking and requests your assistance identifying any properties of religious and cultural significance of which we may be unaware, particularly those which may be affected by the Proposed Action.

The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

Copies of the Draft EA and the proposed Finding of No Significant Impact are available at <http://www.afcec.af.mil/Home/Environment/>. If you have additional information regarding the Proposed Action and Alternatives for inclusion and consideration during the NEPA compliance process, we would appreciate receiving such information. To ensure that the USAF has sufficient time to consider your input in the preparation of the draft EA, a response

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Nebraska State Historical Society
Attn: Jill E. Dolberg, Review and Compliance Coordinator
1500 R Street
P.O. Box 82554
Lincoln, NE 68501-2554

Dear Ms. Jill Dolberg,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The attached figures show the location of the Proposed Action. The EA will also examine a no- action alternative and the cumulative effects when combined with past, present, and any future proposals.

In addition to reaching out to Native American governments, the USAF has initiated federal and state government coordination on this Proposed Action. Offutt AFB and the Nebraska Army National Guard are not aware of any Native American Traditional Cultural Properties (TCPs) within or near the proposed activities. Nevertheless, the USAF would like to initiate government-to- government consultation regarding this proposed undertaking and requests your assistance identifying any properties of religious and cultural significance of which we may be unaware, particularly those which may be affected by the Proposed Action.

The proposed work areas have been disturbed historically by construction of base housing and associated infrastructure at the location, and it is unlikely that any properties of religious and cultural significance remain in these areas. Nevertheless, should excavation activities at Offutt AFB inadvertently discover any properties of religious and cultural significance, the appropriate review in accordance with NEPA and Section 106 of the National Historic Preservation Act (NHPA) will occur.

Copies of the Draft EA and the proposed Finding of No Significant Impact are available at <http://www.afceec.af.mil/Home/Environment/>. If you have additional information regarding the Proposed Action and Alternatives for inclusion and consideration during the NEPA compliance process, we would appreciate receiving such information. To ensure that the

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

October 17, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Chairman Clifford Wolfe, Jr.
Chairman, Omaha Tribe of Nebraska
P.O. Box 368
Macy, NE 68039

Dear Chairman Wolfe

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

- Construct an approximately 126,595 square foot National Guard Readiness Center.

The Sun Never Sets on the 'Fightin' Fifty-Fifth

- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

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Traci Stites, 55 CES/CENPL; 106 Peacekeeper Drive, Suite 2N3; Offutt AFB, NE 68113-4019 or email at traci.stites.1@us.af.mil. Regardless of your decision to participate in the EA process and consult under the NHPA, we will contact you if human remains, sacred, funerary objects, or objects of cultural patrimony are inadvertently discovered; they will be subject to the Native American Graves Protection and Repatriation Act, as amended.

GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

October 17, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Chairman Jeremy Wright
Chairman, Ponca Tribe of Nebraska
P.O. Box 288
Niobrara, NE 68760

Dear Chairman Wright

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two existing readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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The Sun Never Sets on the 'Fightin' Fifty-Fifth

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

October 17, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2N3
Offutt AFB NE 68113-4019

Chairman Roger Trudell
Chairman, Santee Sioux Tribe of Nebraska
108 Spirit Lake Avenue West
Niobrara, NE 68760

Dear Chairman Trudell

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two existing readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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The Sun Never Sets on the 'Fightin' Fifty-Fifth

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB, Lincoln Airport
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT

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November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Sarpy County Planning Department
1210 Golden Gate Drive
Papillion, Nebraska 68046

Dear ,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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The Sun Never Sets on the Fightin' Fifty-Fifth

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

U.S. Army Corps of Engineers
Omaha District Planning Division
1616 Capitol Ave, Suite 9000
Omaha, Nebraska 68102

Dear,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

The Proposed Action at Offutt AFB would include:

The Sun Never Sets on the Fightin' Fifty-Fifth

- Construct an approximately 126,595 square foot National Guard Readiness Center.
- Construct rigid parking lot for government and personal vehicles rigid sidewalks.
- Readiness Center will be constructed to support approximately 386 soldiers from the 189th Trans CO, 195th Forward Support Co, 623rd Vertical Engineer Co, the 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST).

The proposed timeline for the construction activities at Offutt AFB would be approximately 15 months.

The proposed development property is located within OAFB in eastern Nebraska and is approximately 12 miles south of Omaha, Nebraska. The parcel is currently part of OAFB. The 189th AUG TDA mission is to support Strategic Command (USSTRATCOM), which is located at OAFB. USAF will permit the property to the United States Army Corps of Engineers (USACE) which will then license it to NEARNG. USAF will host NEARNG as a tenant for the term of the permit agreement. The proposed location is within an area previously used as a housing development for OAFB that was demolished in 2014 and has since been reclaimed. The proposed location is centrally located between the State's two largest urban areas, Omaha and Lincoln, near major road networks, associated with an existing military facility, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

The attached figures show the location of the Proposed Action. The EA will also examine a no- action alternative and the cumulative effects when combined with past, present, and any future proposals.

In addition to reaching out to Native American governments, the USAF has initiated federal and state government coordination on this Proposed Action. Offutt AFB and the Nebraska Army National Guard are not aware of any Native American Traditional Cultural Properties (TCPs) within or near the proposed activities. Nevertheless, the USAF would like to initiate government-to- government consultation regarding this proposed undertaking and requests your assistance identifying any properties of religious and cultural significance of which we may be unaware, particularly those which may be affected by the Proposed Action.

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GARY D. CHESLEY, P.E.
Director, 55th Civil Engineer Squadron

2 Attachments:

1. Location of Offutt AFB
2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

DRAFT DRAFT DRAFT

November 1, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

U.S. Environmental Protection Agency
Attn: Mr. Jeff Robichaud, Director
Water, Wetlands, and Pesticides Division
11201 Renner Boulevard
Lenexa, Kansas 66219

Dear Mr. Jeff Robichaud,

In accordance with the National Environmental Policy Act (NEPA) of 1969, the Council on Environmental Quality regulations, and the United States Air Force (USAF) NEPA regulations, the USAF is preparing an Environmental Assessment (EA) to evaluate potential impacts associated with the proposed construction of Nebraska Army National Guard (NEARNG) readiness center (Military Construction Project No. 310102) on approximately 41 acre site located at Offutt Air Force Base (AFB) adjacent to Bellevue, Nebraska. The readiness center has construction funding expected in fiscal year 2020, to replace existing facilities that are outdated and do not meet the current needs and requirements of the NEARNG. Two existing NEARNG Readiness Centers, Nebraska City and Wahoo, are more than fifty years old and will be replaced by the proposed new readiness center in Bellevue, Nebraska. The two exiting readiness centers are used by 189th Trans Co, 195th Forward Support Co, 623rd Vertical Engineer Co, 189th Trans Co TDA Augmentation, and the State Civil Support Team (CST) do not comply Readiness Center Allowances, Unit and Special Allowances or land allowances as per National Guard (NG) Pamphlet (PAM) 415-12 criteria dated 1 June 2001. These current centers have poor condition ratings based on the Installation Status Report (ISR); do not meet current code requirements including the Americans with Disabilities Act (ADA); and lack adequate space for Anti-Terrorism Force Protection (ATFP), administrative office space, classrooms, kitchen, latrines, locker rooms, heated and unheated storage, vault, lockers, government (GOV) and privately-owned vehicle (POV) parking, and land adversely affecting the units' mission-essential training requirements. Implementation of the Proposed Action would support the Updated Record of Decision for Army Growth and Force Structure Realignment (Department of Defense [DoD] 2010). An overview of the Proposed Action is provided below for your review.

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Director, 55th Civil Engineer Squadron

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2. Nebraska Army National Guard Proposed Action Area



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS, 55TH WING (ACC)
OFFUTT AIR FORCE BASE, NEBRASKA

October 17, 2018

Mr. Gary D. Chesley
Director, 55th Civil Engineer Squadron
106 Peacekeeper Dr., Suite 2n3
Offutt AFB NE 68113-4019

Chairman John Blackhawk
Chairman, Winnebago Tribe of Nebraska
P.O. Box 687
Winnebago, NE 68071

Dear Chairman Blackhawk

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Traci Stites, 55 CES/CENPL; 106 Peacekeeper Drive, Suite 2N3; Offutt AFB, NE 68113-4019 or email at traci.stites.1@us.af.mil. Regardless of your decision to participate in the EA process and consult under the NHPA, we will contact you if human remains, sacred, funerary objects, or objects of cultural patrimony are inadvertently discovered; they will be subject to the Native American Graves Protection and Repatriation Act, as amended.

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2. Nebraska Army National Guard Proposed Action Area

Appendix C: ACAM Analysis

AIR CONFORMITY APPLICABILITY MODEL REPORT

RECORD OF AIR ANALYSIS (ROAA)

1. General Information: The Air Force's Air Conformity Applicability Model (ACAM) was used to perform an analysis to assess the potential air quality impact/s associated with the action in accordance with the Air Force Instruction 32-7040, Air Quality Compliance And Resource Management; the Environmental Impact Analysis Process (EIAP, 32 CFR 989); and the General Conformity Rule (GCR, 40 CFR 93 Subpart B). This report provides a summary of the ACAM analysis.

a. Action Location:

Base: OFFUTT AFB
State: Nebraska
County(s): Sarpy
Regulatory Area(s): NOT IN A REGULATORY AREA

b. Action Title: Construction and operation of new readiness center (RC) within OAFB

c. Project Number/s (if applicable):

d. Projected Action Start Date: 4 / 2020

e. Action Description:

The proposed action includes the construction and operation of a new RC within OAFB to replace existing facilities that are outdated and do not meet the needs and standards of the NEARNG. The OAFB is an active Air Force Installation and the 41-acre parcel for the Bellevue RC would be licensed to the State of Nebraska for use by the NEARNG. The location is near major road networks, two major metropolitan areas, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

Alternatives that were evaluated include the Proposed Action at the OAFB location, the Proposed Action at the Mead-Yutan location, and No Action. The Proposed Action at the Mead-Yutan location was eliminated as the site currently has two RCs on the property. A third proposed RC was removed from the Master Plan as it does not have the community base to warrant or support a third RC in the vicinity. This alternative was eliminated from further consideration as it does not meet the purpose for the proposed RC due to the lack of community base support. Although NEPA and CEQ regulations require the consideration of a No Action alternative, the RC and associated facilities would not be constructed, and the purpose and need would not be met.

f. Point of Contact:

Name: Kimberly Pesenko
Title: Senior Engineer
Organization: Wood Environment & Infrastructure Solutions, Inc.
Email: kimberly.pesenko@woodplc.com
Phone Number: 773-693-6030

2. Air Impact Analysis: Based on the attainment status at the action location, the requirements of the General Conformity Rule are:

_____ applicable
__X__ not applicable

Total combined direct and indirect emissions associated with the action were estimated through ACAM on a calendar-year basis for the "worst-case" and "steady state" (net gain/loss upon action fully implemented) emissions.

"Air Quality Indicators" were used to provide an indication of the significance of potential impacts to air quality. These air quality indicators are EPA General Conformity Rule (GCR) thresholds (de minimis levels) that are applied

AIR CONFORMITY APPLICABILITY MODEL REPORT

RECORD OF AIR ANALYSIS (ROAA)

out of context to their intended use. Therefore, these indicators do not trigger a regulatory requirement; however, they provide a warning that the action is potentially significant. It is important to note that these indicators only provide a clue to the potential impacts to air quality.

Given the GCR de minimis threshold values are the maximum net change an action can acceptably emit in non-attainment and maintenance areas, these threshold values would also conservatively indicate an actions emissions within an attainment would also be acceptable. An air quality indicator value of 100 tons/yr is used based on the GCR de minimis threshold for the least severe non-attainment classification for all criteria pollutants (see 40 CFR 93.153). Therefore, the worst-case year emissions were compared against the GCR Indicator and are summarized below.

Analysis Summary:

2020

Pollutant	Action Emissions (ton/yr)	AIR QUALITY INDICATOR	
		Threshold (ton/yr)	Exceedance (Yes or No)
NOT IN A REGULATORY AREA			
VOC	0.260	100	No
NOx	1.758	100	No
CO	1.518	100	No
SOx	0.004	100	No
PM 10	6.604	100	No
PM 2.5	0.071	100	No
Pb	0.000	25	No
NH3	0.003	100	No
CO2e	419.5		

2021

Pollutant	Action Emissions (ton/yr)	AIR QUALITY INDICATOR	
		Threshold (ton/yr)	Exceedance (Yes or No)
NOT IN A REGULATORY AREA			
VOC	1.907	100	No
NOx	2.780	100	No
CO	2.622	100	No
SOx	0.006	100	No
PM 10	0.127	100	No
PM 2.5	0.126	100	No
Pb	0.000	25	No
NH3	0.004	100	No
CO2e	610.0		

2022

Pollutant	Action Emissions (ton/yr)	AIR QUALITY INDICATOR	
		Threshold (ton/yr)	Exceedance (Yes or No)
NOT IN A REGULATORY AREA			
VOC	0.105	100	No
NOx	1.096	100	No
CO	0.954	100	No
SOx	0.010	100	No
PM 10	0.073	100	No
PM 2.5	0.073	100	No
Pb	0.000	25	No
NH3	0.001	100	No

AIR CONFORMITY APPLICABILITY MODEL REPORT

RECORD OF AIR ANALYSIS (ROAA)

CO2e	892.0		
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2023 - (Steady State)

Pollutant	Action Emissions (ton/yr)	AIR QUALITY INDICATOR	
		Threshold (ton/yr)	Exceedance (Yes or No)
NOT IN A REGULATORY AREA			
VOC	0.042	100	No
NOx	0.685	100	No
CO	0.572	100	No
SOx	0.009	100	No
PM 10	0.055	100	No
PM 2.5	0.055	100	No
Pb	0.000	25	No
NH3	0.000	100	No
CO2e	799.6		

None of estimated emissions associated with this action are above the GCR indicators, indicating no significant impact to air quality; therefore, no further air assessment is needed.

Kimberly Pesenko, Senior Engineer

DATE

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

1. General Information

- Action Location

Base: OFFUTT AFB
State: Nebraska
County(s): Sarpy
Regulatory Area(s): NOT IN A REGULATORY AREA

- Action Title: Construction and operation of new readiness center (RC) within OAFB

- Project Number/s (if applicable):

- Projected Action Start Date: 4 / 2020

- Action Purpose and Need:

The purpose of the proposed action is to meet company-sized facility requirements of the Nebraska Army National Guard (NEARNG) including new areas to accommodate current and future force structure. The proposed action is needed to replace current facilities that do not meet NG standards and current code requirements as well as provide additional space where needed. The proposed action will ensure continued long-term viability of the Bellevue RC as a multiple use center capable of providing the land and resources necessary to support the NEARNG's and other military users assigned training and support missions.

- Action Description:

The proposed action includes the construction and operation of a new RC within OAFB to replace existing facilities that are outdated and do not meet the needs and standards of the NEARNG. The OAFB is an active Air Force Installation and the 41-acre parcel for the Bellevue RC would be licensed to the State of Nebraska for use by the NEARNG. The location is near major road networks, two major metropolitan areas, and is close to existing utilities making it a convenient administrative, logistical, and mobilization staging area.

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- Point of Contact

Name: Kimberly Pesenko
Title: Senior Engineer
Organization: Wood Environment & Infrastructure Solutions, Inc.
Email: kimberly.pesenko@woodplc.com
Phone Number: 773-693-6030

- Activity List:

Activity Type		Activity Title
2.	Construction / Demolition	Construction and Demolition
3.	Emergency Generator	Emergency Generator
4.	Heating	Heating
5.	Personnel	Personnel

Emission factors and air emission estimating methods come from the United States Air Force's Air Emissions Guide for Air Force Stationary Sources, Air Emissions Guide for Air Force Mobile Sources, and Air Emissions Guide for Air Force Transitory Sources.

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

2. Construction / Demolition

2.1 General Information & Timeline Assumptions

- Activity Location

County: Sarpy

Regulatory Area(s): NOT IN A REGULATORY AREA

- Activity Title: Construction and Demolition

- Activity Description:

Construction and Demolition

- Activity Start Date

Start Month: 4

Start Month: 2020

- Activity End Date

Indefinite: False

End Month: 2

End Month: 2022

- Activity Emissions:

Pollutant	Total Emissions (TONs)
VOC	2.230381
SO _x	0.011170
NO _x	4.948367
CO	4.522833
PM 10	6.749248

Pollutant	Total Emissions (TONs)
PM 2.5	0.214842
Pb	0.000000
NH ₃	0.008111
CO ₂ e	1121.9

2.1 Site Grading Phase

2.1.1 Site Grading Phase Timeline Assumptions

- Phase Start Date

Start Month: 6

Start Quarter: 1

Start Year: 2020

- Phase Duration

Number of Month: 1

Number of Days: 0

2.1.2 Site Grading Phase Assumptions

- General Site Grading Information

Area of Site to be Graded (ft²): 403390

Amount of Material to be Hauled On-Site (yd³): 1000

Amount of Material to be Hauled Off-Site (yd³): 1000

- Site Grading Default Settings

Default Settings Used: Yes

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

Average Day(s) worked per week: 5 (default)

- Construction Exhaust (default)

Equipment Name	Number Of Equipment	Hours Per Day
Excavators Composite	1	8
Graders Composite	1	8
Other Construction Equipment Composite	1	8
Rubber Tired Dozers Composite	1	8
Tractors/Loaders/Backhoes Composite	3	8

- Vehicle Exhaust

Average Hauling Truck Capacity (yd³): 20 (default)

Average Hauling Truck Round Trip Commute (mile): 20 (default)

- Vehicle Exhaust Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	0	0	0	0	0	100.00	0

- Worker Trips

Average Worker Round Trip Commute (mile): 20 (default)

- Worker Trips Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	50.00	50.00	0	0	0	0	0

2.1.3 Site Grading Phase Emission Factor(s)

- Construction Exhaust Emission Factors (lb/hour) (default)

Excavators Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0732	0.0013	0.4042	0.5124	0.0183	0.0183	0.0066	119.74
Graders Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0919	0.0014	0.5823	0.5765	0.0280	0.0280	0.0082	132.95
Other Construction Equipment Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0562	0.0012	0.3519	0.3508	0.0138	0.0138	0.0050	122.62
Rubber Tired Dozers Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.2117	0.0024	1.5772	0.8005	0.0630	0.0630	0.0191	239.56
Tractors/Loaders/Backhoes Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0436	0.0007	0.2744	0.3616	0.0134	0.0134	0.0039	66.897

- Vehicle Exhaust & Worker Trips Emission Factors (grams/mile)

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO _{2e}
LDGV	000.328	000.002	000.246	003.739	000.009	000.008		000.023	00318.926
LDGT	000.398	000.003	000.424	005.053	000.011	000.010		000.024	00411.323
HDGV	000.683	000.005	001.041	015.203	000.026	000.023		000.044	00758.061
LDDV	000.128	000.003	000.136	002.479	000.004	000.004		000.008	00307.655
LDDT	000.264	000.004	000.386	004.220	000.007	000.006		000.008	00437.142
HDDV	000.601	000.013	005.662	001.971	000.171	000.157		000.030	01508.259
MC	002.373	000.003	000.804	013.503	000.027	000.024		000.055	00399.090

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

2.1.4 Site Grading Phase Formula(s)

- Fugitive Dust Emissions per Phase

$$PM10_{FD} = (20 * ACRE * WD) / 2000$$

PM10_{FD}: Fugitive Dust PM 10 Emissions (TONs)

20: Conversion Factor Acre Day to pounds (20 lb / 1 Acre Day)

ACRE: Total acres (acres)

WD: Number of Total Work Days (days)

2000: Conversion Factor pounds to tons

- Construction Exhaust Emissions per Phase

$$CEE_{POL} = (NE * WD * H * EF_{POL}) / 2000$$

CEE_{POL}: Construction Exhaust Emissions (TONs)

NE: Number of Equipment

WD: Number of Total Work Days (days)

H: Hours Worked per Day (hours)

EF_{POL}: Emission Factor for Pollutant (lb/hour)

2000: Conversion Factor pounds to tons

- Vehicle Exhaust Emissions per Phase

$$VMT_{VE} = (HA_{OnSite} + HA_{OffSite}) * (1 / HC) * HT$$

VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)

HA_{OnSite}: Amount of Material to be Hauled On-Site (yd³)

HA_{OffSite}: Amount of Material to be Hauled Off-Site (yd³)

HC: Average Hauling Truck Capacity (yd³)

(1 / HC): Conversion Factor cubic yards to trips (1 trip / HC yd³)

HT: Average Hauling Truck Round Trip Commute (mile/trip)

$$V_{POL} = (VMT_{VE} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL}: Vehicle Emissions (TONs)

VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)

0.002205: Conversion Factor grams to pounds

EF_{POL}: Emission Factor for Pollutant (grams/mile)

VM: Vehicle Exhaust On Road Vehicle Mixture (%)

2000: Conversion Factor pounds to tons

- Worker Trips Emissions per Phase

$$VMT_{WT} = WD * WT * 1.25 * NE$$

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)

WD: Number of Total Work Days (days)

WT: Average Worker Round Trip Commute (mile)

1.25: Conversion Factor Number of Construction Equipment to Number of Works

NE: Number of Construction Equipment

$$V_{POL} = (VMT_{WT} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL}: Vehicle Emissions (TONs)

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)

0.002205: Conversion Factor grams to pounds

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

EF_{POL}: Emission Factor for Pollutant (grams/mile)
VM: Worker Trips On Road Vehicle Mixture (%)
2000: Conversion Factor pounds to tons

2.2 Trenching/Excavating Phase

2.2.1 Trenching / Excavating Phase Timeline Assumptions

- Phase Start Date

Start Month: 7
Start Quarter: 1
Start Year: 2020

- Phase Duration

Number of Month: 2
Number of Days: 0

2.2.2 Trenching / Excavating Phase Assumptions

- General Trenching/Excavating Information

Area of Site to be Trenched/Excavated (ft²): 126595
Amount of Material to be Hauled On-Site (yd³): 0
Amount of Material to be Hauled Off-Site (yd³): 46887

- Trenching Default Settings

Default Settings Used: Yes
Average Day(s) worked per week: 5 (default)

- Construction Exhaust (default)

Equipment Name	Number Of Equipment	Hours Per Day
Excavators Composite	2	8
Other General Industrial Equipmen Composite	1	8
Tractors/Loaders/Backhoes Composite	1	8

- Vehicle Exhaust

Average Hauling Truck Capacity (yd³): 20 (default)
Average Hauling Truck Round Trip Commute (mile): 20 (default)

- Vehicle Exhaust Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	0	0	0	0	0	100.00	0

- Worker Trips

Average Worker Round Trip Commute (mile): 20 (default)

- Worker Trips Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	50.00	50.00	0	0	0	0	0

2.2.3 Trenching / Excavating Phase Emission Factor(s)

- Construction Exhaust Emission Factors (lb/hour) (default)

Excavators Composite

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0732	0.0013	0.4042	0.5124	0.0183	0.0183	0.0066	119.74
Graders Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0919	0.0014	0.5823	0.5765	0.0280	0.0280	0.0082	132.95
Other Construction Equipment Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0562	0.0012	0.3519	0.3508	0.0138	0.0138	0.0050	122.62
Rubber Tired Dozers Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.2117	0.0024	1.5772	0.8005	0.0630	0.0630	0.0191	239.56
Tractors/Loaders/Backhoes Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0436	0.0007	0.2744	0.3616	0.0134	0.0134	0.0039	66.897

- Vehicle Exhaust & Worker Trips Emission Factors (grams/mile)

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO _{2e}
LDGV	000.328	000.002	000.246	003.739	000.009	000.008		000.023	00318.926
LDGT	000.398	000.003	000.424	005.053	000.011	000.010		000.024	00411.323
HDGV	000.683	000.005	001.041	015.203	000.026	000.023		000.044	00758.061
LDDV	000.128	000.003	000.136	002.479	000.004	000.004		000.008	00307.655
LDDT	000.264	000.004	000.386	004.220	000.007	000.006		000.008	00437.142
HDDV	000.601	000.013	005.662	001.971	000.171	000.157		000.030	01508.259
MC	002.373	000.003	000.804	013.503	000.027	000.024		000.055	00399.090

2.2.4 Trenching / Excavating Phase Formula(s)

- Fugitive Dust Emissions per Phase

$$PM10_{FD} = (20 * ACRE * WD) / 2000$$

PM10_{FD}: Fugitive Dust PM 10 Emissions (TONs)

20: Conversion Factor Acre Day to pounds (20 lb / 1 Acre Day)

ACRE: Total acres (acres)

WD: Number of Total Work Days (days)

2000: Conversion Factor pounds to tons

- Construction Exhaust Emissions per Phase

$$CEE_{POL} = (NE * WD * H * EF_{POL}) / 2000$$

CEE_{POL}: Construction Exhaust Emissions (TONs)

NE: Number of Equipment

WD: Number of Total Work Days (days)

H: Hours Worked per Day (hours)

EF_{POL}: Emission Factor for Pollutant (lb/hour)

2000: Conversion Factor pounds to tons

- Vehicle Exhaust Emissions per Phase

$$VMT_{VE} = (HA_{OnSite} + HA_{OffSite}) * (1 / HC) * HT$$

VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)

HA_{OnSite}: Amount of Material to be Hauled On-Site (yd³)

HA_{OffSite}: Amount of Material to be Hauled Off-Site (yd³)

HC: Average Hauling Truck Capacity (yd³)

(1 / HC): Conversion Factor cubic yards to trips (1 trip / HC yd³)

HT: Average Hauling Truck Round Trip Commute (mile/trip)

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

$$V_{POL} = (VMT_{VE} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL} : Vehicle Emissions (TONs)
 VMT_{VE} : Vehicle Exhaust Vehicle Miles Travel (miles)
0.002205: Conversion Factor grams to pounds
 EF_{POL} : Emission Factor for Pollutant (grams/mile)
 VM : Vehicle Exhaust On Road Vehicle Mixture (%)
2000: Conversion Factor pounds to tons

- Worker Trips Emissions per Phase

$$VMT_{WT} = WD * WT * 1.25 * NE$$

VMT_{WT} : Worker Trips Vehicle Miles Travel (miles)
WD: Number of Total Work Days (days)
WT: Average Worker Round Trip Commute (mile)
1.25: Conversion Factor Number of Construction Equipment to Number of Works
NE: Number of Construction Equipment

$$V_{POL} = (VMT_{WT} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL} : Vehicle Emissions (TONs)
 VMT_{VE} : Worker Trips Vehicle Miles Travel (miles)
0.002205: Conversion Factor grams to pounds
 EF_{POL} : Emission Factor for Pollutant (grams/mile)
 VM : Worker Trips On Road Vehicle Mixture (%)
2000: Conversion Factor pounds to tons

2.3 Building Construction Phase

2.3.1 Building Construction Phase Timeline Assumptions

- Phase Start Date

Start Month: 9
Start Quarter: 1
Start Year: 2020

- Phase Duration

Number of Month: 18
Number of Days: 0

2.3.2 Building Construction Phase Assumptions

- General Building Construction Information

Building Category: Office or Industrial
Area of Building (ft²): 126595
Height of Building (ft): 60
Number of Units: N/A

- Building Construction Default Settings

Default Settings Used: Yes
Average Day(s) worked per week: 5 (default)

- Construction Exhaust (default)

Equipment Name	Number Of	Hours Per Day
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DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

	Equipment	
Cranes Composite	1	6
Forklifts Composite	2	6
Generator Sets Composite	1	8
Tractors/Loaders/Backhoes Composite	1	8
Welders Composite	3	8

- Vehicle Exhaust

Average Hauling Truck Round Trip Commute (mile): 20 (default)

- Vehicle Exhaust Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	0	0	0	0	0	100.00	0

- Worker Trips

Average Worker Round Trip Commute (mile): 20 (default)

- Worker Trips Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	50.00	50.00	0	0	0	0	0

- Vendor Trips

Average Vendor Round Trip Commute (mile): 40 (default)

- Vendor Trips Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	0	0	0	0	0	100.00	0

2.3.3 Building Construction Phase Emission Factor(s)

- Construction Exhaust Emission Factors (lb/hour) (default)

Cranes Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0898	0.0013	0.6610	0.3917	0.0256	0.0256	0.0081	128.83
Forklifts Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0320	0.0006	0.1690	0.2160	0.0070	0.0070	0.0028	54.467
Generator Sets Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0395	0.0006	0.3232	0.2731	0.0149	0.0149	0.0035	61.081
Tractors/Loaders/Backhoes Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0436	0.0007	0.2744	0.3616	0.0134	0.0134	0.0039	66.897
Welders Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0310	0.0003	0.1734	0.1816	0.0102	0.0102	0.0027	25.672

- Vehicle Exhaust & Worker Trips Emission Factors (grams/mile)

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO _{2e}
LDGV	000.328	000.002	000.246	003.739	000.009	000.008		000.023	00318.926
LDGT	000.398	000.003	000.424	005.053	000.011	000.010		000.024	00411.323
HDGV	000.683	000.005	001.041	015.203	000.026	000.023		000.044	00758.061
LDDV	000.128	000.003	000.136	002.479	000.004	000.004		000.008	00307.655
LDDT	000.264	000.004	000.386	004.220	000.007	000.006		000.008	00437.142

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

HDDV	000.601	000.013	005.662	001.971	000.171	000.157		000.030	01508.259
MC	002.373	000.003	000.804	013.503	000.027	000.024		000.055	00399.090

2.3.4 Building Construction Phase Formula(s)

- Construction Exhaust Emissions per Phase

$$CEE_{POL} = (NE * WD * H * EF_{POL}) / 2000$$

CEE_{POL}: Construction Exhaust Emissions (TONs)

NE: Number of Equipment

WD: Number of Total Work Days (days)

H: Hours Worked per Day (hours)

EF_{POL}: Emission Factor for Pollutant (lb/hour)

2000: Conversion Factor pounds to tons

- Vehicle Exhaust Emissions per Phase

$$VMT_{VE} = BA * BH * (0.42 / 1000) * HT$$

VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)

BA: Area of Building (ft²)

BH: Height of Building (ft)

(0.42 / 1000): Conversion Factor ft³ to trips (0.42 trip / 1000 ft³)

HT: Average Hauling Truck Round Trip Commute (mile/trip)

$$V_{POL} = (VMT_{VE} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL}: Vehicle Emissions (TONs)

VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)

0.002205: Conversion Factor grams to pounds

EF_{POL}: Emission Factor for Pollutant (grams/mile)

VM: Worker Trips On Road Vehicle Mixture (%)

2000: Conversion Factor pounds to tons

- Worker Trips Emissions per Phase

$$VMT_{WT} = WD * WT * 1.25 * NE$$

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)

WD: Number of Total Work Days (days)

WT: Average Worker Round Trip Commute (mile)

1.25: Conversion Factor Number of Construction Equipment to Number of Works

NE: Number of Construction Equipment

$$V_{POL} = (VMT_{WT} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL}: Vehicle Emissions (TONs)

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)

0.002205: Conversion Factor grams to pounds

EF_{POL}: Emission Factor for Pollutant (grams/mile)

VM: Worker Trips On Road Vehicle Mixture (%)

2000: Conversion Factor pounds to tons

- Vender Trips Emissions per Phase

$$VMT_{VT} = BA * BH * (0.38 / 1000) * HT$$

VMT_{VT}: Vender Trips Vehicle Miles Travel (miles)

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

BA: Area of Building (ft²)
 BH: Height of Building (ft)
 (0.38 / 1000): Conversion Factor ft³ to trips (0.38 trip / 1000 ft³)
 HT: Average Hauling Truck Round Trip Commute (mile/trip)

$$V_{POL} = (VMT_{VT} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL} : Vehicle Emissions (TONs)
 VMT_{VT} : Vender Trips Vehicle Miles Travel (miles)
 0.002205: Conversion Factor grams to pounds
 EF_{POL} : Emission Factor for Pollutant (grams/mile)
 VM: Worker Trips On Road Vehicle Mixture (%)
 2000: Conversion Factor pounds to tons

2.4 Architectural Coatings Phase

2.4.1 Architectural Coatings Phase Timeline Assumptions

- Phase Start Date

Start Month: 4
 Start Quarter: 1
 Start Year: 2021

- Phase Duration

Number of Month: 2
 Number of Days: 0

2.4.2 Architectural Coatings Phase Assumptions

- General Architectural Coatings Information

Building Category:
 Total Square Footage (ft²): 126595
 Number of Units: N/A

- Architectural Coatings Default Settings

Default Settings Used: Yes
 Average Day(s) worked per week: 5 (default)

- Worker Trips

Average Worker Round Trip Commute (mile): 20 (default)

- Worker Trips Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	50.00	50.00	0	0	0	0	0

2.4.3 Architectural Coatings Phase Emission Factor(s)

- Worker Trips Emission Factors (grams/mile)

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO ₂ e
LDGV	000.328	000.002	000.246	003.739	000.009	000.008		000.023	00318.926
LDGT	000.398	000.003	000.424	005.053	000.011	000.010		000.024	00411.323
HDGV	000.683	000.005	001.041	015.203	000.026	000.023		000.044	00758.061
LDDV	000.128	000.003	000.136	002.479	000.004	000.004		000.008	00307.655
LDDT	000.264	000.004	000.386	004.220	000.007	000.006		000.008	00437.142
HDDV	000.601	000.013	005.662	001.971	000.171	000.157		000.030	01508.259

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

MC	002.373	000.003	000.804	013.503	000.027	000.024		000.055	00399.090
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2.4.4 Architectural Coatings Phase Formula(s)

- Worker Trips Emissions per Phase

$$VMT_{WT} = (1 * WT * PA) / 800$$

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)

1: Conversion Factor man days to trips (1 trip / 1 man * day)

WT: Average Worker Round Trip Commute (mile)

PA: Paint Area (ft²)

800: Conversion Factor square feet to man days (1 ft² / 1 man * day)

$$V_{POL} = (VMT_{WT} * 0.002205 * EF_{POL} * VM) / 2000$$

V_{POL}: Vehicle Emissions (TONs)

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)

0.002205: Conversion Factor grams to pounds

EF_{POL}: Emission Factor for Pollutant (grams/mile)

VM: Worker Trips On Road Vehicle Mixture (%)

2000: Conversion Factor pounds to tons

- Off-Gassing Emissions per Phase

$$VOC_{AC} = (AB * 2.0 * 0.0116) / 2000.0$$

VOC_{AC}: Architectural Coating VOC Emissions (TONs)

BA: Area of Building (ft²)

2.0: Conversion Factor total area to coated area (2.0 ft² coated area / total area)

0.0116: Emission Factor (lb/ft²)

2000: Conversion Factor pounds to tons

2.5 Paving Phase

2.5.1 Paving Phase Timeline Assumptions

- Phase Start Date

Start Month: 5

Start Quarter: 1

Start Year: 2021

- Phase Duration

Number of Month: 2

Number of Days: 0

2.5.2 Paving Phase Assumptions

- General Paving Information

Paving Area (ft²): 276795

- Paving Default Settings

Default Settings Used: Yes

Average Day(s) worked per week: 5 (default)

- Construction Exhaust (default)

Equipment Name	Number Of	Hours Per Day
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DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

	Equipment	
Pavers Composite	1	8
Paving Equipment Composite	2	6
Rollers Composite	2	6

- Vehicle Exhaust

Average Hauling Truck Round Trip Commute (mile): 20 (default)

- Vehicle Exhaust Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	0	0	0	0	0	100.00	0

- Worker Trips

Average Worker Round Trip Commute (mile): 20 (default)

- Worker Trips Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	50.00	50.00	0	0	0	0	0

2.5.3 Paving Phase Emission Factor(s)

- Construction Exhaust Emission Factors (lb/hour) (default)

Excavators Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0732	0.0013	0.4042	0.5124	0.0183	0.0183	0.0066	119.74
Graders Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0919	0.0014	0.5823	0.5765	0.0280	0.0280	0.0082	132.95
Other Construction Equipment Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0562	0.0012	0.3519	0.3508	0.0138	0.0138	0.0050	122.62
Rubber Tired Dozers Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.2117	0.0024	1.5772	0.8005	0.0630	0.0630	0.0191	239.56
Tractors/Loaders/Backhoes Composite								
	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	CH ₄	CO _{2e}
Emission Factors	0.0436	0.0007	0.2744	0.3616	0.0134	0.0134	0.0039	66.897

- Vehicle Exhaust & Worker Trips Emission Factors (grams/mile)

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO _{2e}
LDGV	000.328	000.002	000.246	003.739	000.009	000.008		000.023	00318.926
LDGT	000.398	000.003	000.424	005.053	000.011	000.010		000.024	00411.323
HDGV	000.683	000.005	001.041	015.203	000.026	000.023		000.044	00758.061
LDDV	000.128	000.003	000.136	002.479	000.004	000.004		000.008	00307.655
LDDT	000.264	000.004	000.386	004.220	000.007	000.006		000.008	00437.142
HDDV	000.601	000.013	005.662	001.971	000.171	000.157		000.030	01508.259
MC	002.373	000.003	000.804	013.503	000.027	000.024		000.055	00399.090

2.5.4 Paving Phase Formula(s)

- Construction Exhaust Emissions per Phase

$$CEE_{POL} = (NE * WD * H * EF_{POL}) / 2000$$

CEE_{POL}: Construction Exhaust Emissions (TONs)

DETAIL AIR CONFORMITY APPLICABILITY MODEL REPORT

NE: Number of Equipment
WD: Number of Total Work Days (days)
H: Hours Worked per Day (hours)
EF_{POL}: Emission Factor for Pollutant (lb/hour)
2000: Conversion Factor pounds to tons

- Vehicle Exhaust Emissions per Phase

$$\text{VMT}_{\text{VE}} = \text{PA} * 0.25 * (1 / 27) * (1 / \text{HC}) * \text{HT}$$

VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)
PA: Paving Area (ft²)
0.25: Thickness of Paving Area (ft)
(1 / 27): Conversion Factor cubic feet to cubic yards (1 yd³ / 27 ft³)
HC: Average Hauling Truck Capacity (yd³)
(1 / HC): Conversion Factor cubic yards to trips (1 trip / HC yd³)
HT: Average Hauling Truck Round Trip Commute (mile/trip)

$$\text{V}_{\text{POL}} = (\text{VMT}_{\text{VE}} * 0.002205 * \text{EF}_{\text{POL}} * \text{VM}) / 2000$$

V_{POL}: Vehicle Emissions (TONs)
VMT_{VE}: Vehicle Exhaust Vehicle Miles Travel (miles)
0.002205: Conversion Factor grams to pounds
EF_{POL}: Emission Factor for Pollutant (grams/mile)
VM: Vehicle Exhaust On Road Vehicle Mixture (%)
2000: Conversion Factor pounds to tons

- Worker Trips Emissions per Phase

$$\text{VMT}_{\text{WT}} = \text{WD} * \text{WT} * 1.25 * \text{NE}$$

VMT_{WT}: Worker Trips Vehicle Miles Travel (miles)
WD: Number of Total Work Days (days)
WT: Average Worker Round Trip Commute (mile)
1.25: Conversion Factor Number of Construction Equipment to Number of Works
NE: Number of Construction Equipment

$$\text{V}_{\text{POL}} = (\text{VMT}_{\text{WT}} * 0.002205 * \text{EF}_{\text{POL}} * \text{VM}) / 2000$$

V_{POL}: Vehicle Emissions (TONs)
VMT_{VE}: Worker Trips Vehicle Miles Travel (miles)
0.002205: Conversion Factor grams to pounds
EF_{POL}: Emission Factor for Pollutant (grams/mile)
VM: Worker Trips On Road Vehicle Mixture (%)
2000: Conversion Factor pounds to tons

- Off-Gassing Emissions per Phase

$$\text{VOC}_{\text{P}} = (2.62 * \text{PA}) / 43560$$

VOC_P: Paving VOC Emissions (TONs)
2.62: Emission Factor (lb/acre)
PA: Paving Area (ft²)
43560: Conversion Factor square feet to acre (43560 ft² / acre)² / acre)

3. Emergency Generator

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3.1 General Information & Timeline Assumptions

- Add or Remove Activity from Baseline? Add

- Activity Location

County: Sarpy

Regulatory Area(s): NOT IN A REGULATORY AREA

- Activity Title: Emergency Generator

- Activity Description:

Emergency Generator

- Activity Start Date

Start Month: 1

Start Year: 2022

- Activity End Date

Indefinite: Yes

End Month: N/A

End Year: N/A

- Activity Emissions:

Pollutant	Emissions Per Year (TONs)
VOC	0.005650
SO _x	0.004759
NO _x	0.023288
CO	0.015552
PM 10	0.005083

Pollutant	Emissions Per Year (TONs)
PM 2.5	0.005083
Pb	0.000000
NH ₃	0.000000
CO ₂ e	2.7

3.2 Emergency Generator Assumptions

- Emergency Generator

Type of Fuel used in Emergency Generator: Diesel

Number of Emergency Generators: 1

- Default Settings Used: Yes

- Emergency Generators Consumption

Emergency Generator's Horsepower: 135 (default)

Average Operating Hours Per Year (hours): 30 (default)

3.3 Emergency Generator Emission Factor(s)

- Emergency Generators Emission Factor (lb/hp-hr)

VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO ₂ e
0.00279	0.00235	0.0115	0.00768	0.00251	0.00251			1.33

3.4 Emergency Generator Formula(s)

- Emergency Generator Emissions per Year

$$AE_{POL} = (NGEN * HP * OT * EF_{POL}) / 2000$$

AE_{POL}: Activity Emissions (TONs per Year)

NGEN: Number of Emergency Generators

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HP: Emergency Generator's Horsepower (hp)
OT: Average Operating Hours Per Year (hours)
EF_{POL}: Emission Factor for Pollutant (lb/hp-hr)

4. Heating

4.1 General Information & Timeline Assumptions

- Add or Remove Activity from Baseline? Add
- Activity Location
 - County: Sarpy
 - Regulatory Area(s): NOT IN A REGULATORY AREA
- Activity Title: Heating
- Activity Description:
 - Heating
- Activity Start Date
 - Start Month: 1
 - Start Year: 2022
- Activity End Date
 - Indefinite: Yes
 - End Month: N/A
 - End Year: N/A

- Activity Emissions:

Pollutant	Emissions Per Year (TONs)
VOC	0.036405
SO _x	0.003971
NO _x	0.661911
CO	0.556005
PM 10	0.050305

Pollutant	Emissions Per Year (TONs)
PM 2.5	0.050305
Pb	0.000000
NH ₃	0.000000
CO ₂ e	796.9

4.2 Heating Assumptions

- Heating
 - Heating Calculation Type: Heat Energy Requirement Method
- Heat Energy Requirement Method
 - Area of floorspace to be heated (ft²): 126595
 - Type of fuel: Natural Gas
 - Type of boiler/furnace: Commercial/Institutional (0.3 - 9.9 MMBtu/hr)
 - Heat Value (MMBtu/ft³): 0.00105
 - Energy Intensity (MMBtu/ft²): 0.1098
- Default Settings Used: Yes
- Boiler/Furnace Usage
 - Operating Time Per Year (hours): 900 (default)

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4.3 Heating Emission Factor(s)

- Heating Emission Factors (lb/1000000 scf)

VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO _{2e}
5.5	0.6	100	84	7.6	7.6			120390

4.4 Heating Formula(s)

- Heating Fuel Consumption ft³ per Year

$$FC_{HER} = HA * EI / HV / 1000000$$

FC_{HER}: Fuel Consumption for Heat Energy Requirement Method

HA: Area of floorspace to be heated (ft²)

EI: Energy Intensity Requirement (MMBtu/ft²)

HV: Heat Value (MMBTU/ft³)

1000000: Conversion Factor

- Heating Emissions per Year

$$HE_{POL} = FC * EF_{POL} / 2000$$

HE_{POL}: Heating Emission Emissions (TONs)

FC: Fuel Consumption

EF_{POL}: Emission Factor for Pollutant

2000: Conversion Factor pounds to tons

5. Personnel

5.1 General Information & Timeline Assumptions

- Add or Remove Activity from Baseline? Add

- Activity Location

County: Sarpy

Regulatory Area(s): NOT IN A REGULATORY AREA

- Activity Title: Personnel

- Activity Description:

Personnel

- Activity Start Date

Start Month: 1

Start Year: 2022

- Activity End Date

Indefinite: Yes

End Month: N/A

End Year: N/A

- Activity Emissions:

Pollutant	Emissions Per Year (TONs)
VOC	0.000000
SO _x	0.000000

Pollutant	Emissions Per Year (TONs)
PM 2.5	0.000000
Pb	0.000000

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NO _x	0.000000
CO	0.000000
PM 10	0.000000

NH ₃	0.000000
CO _{2e}	0.0

5.2 Personnel Assumptions

- Number of Personnel

Active Duty Personnel:	0
Civilian Personnel:	0
Support Contractor Personnel:	0
Air National Guard (ANG) Personnel:	0
Reserve Personnel:	0

- Default Settings Used: Yes

- Average Personnel Round Trip Commute (mile): 20 (default)

- Personnel Work Schedule

Active Duty Personnel:	5 Days Per Week (default)
Civilian Personnel:	5 Days Per Week (default)
Support Contractor Personnel:	5 Days Per Week (default)
Air National Guard (ANG) Personnel:	4 Days Per Week (default)
Reserve Personnel:	4 Days Per Month (default)

5.3 Personnel On Road Vehicle Mixture

- On Road Vehicle Mixture (%)

	LDGV	LDGT	HDGV	LDDV	LDDT	HDDV	MC
POVs	37.55	60.32	0	0.03	0.2	0	1.9
GOVs	54.49	37.73	4.67	0	0	3.11	0

5.4 Personnel Emission Factor(s)

- On Road Vehicle Emission Factors (grams/mile)

	VOC	SO _x	NO _x	CO	PM 10	PM 2.5	Pb	NH ₃	CO _{2e}
LDGV	000.328	000.002	000.246	003.739	000.009	000.008		000.023	00318.926
LDGT	000.398	000.003	000.424	005.053	000.011	000.010		000.024	00411.323
HDGV	000.683	000.005	001.041	015.203	000.026	000.023		000.044	00758.061
LDDV	000.128	000.003	000.136	002.479	000.004	000.004		000.008	00307.655
LDDT	000.264	000.004	000.386	004.220	000.007	000.006		000.008	00437.142
HDDV	000.601	000.013	005.662	001.971	000.171	000.157		000.030	01508.259
MC	002.373	000.003	000.804	013.503	000.027	000.024		000.055	00399.090

5.5 Personnel Formula(s)

- Personnel Vehicle Miles Travel for Work Days per Year

$$VMT_P = NP * WD * AC$$

VMT_P: Personnel Vehicle Miles Travel (miles/year)

NP: Number of Personnel

WD: Work Days per Year

AC: Average Commute (miles)

- Total Vehicle Miles Travel per Year

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$$\text{VMT}_{\text{Total}} = \text{VMT}_{\text{AD}} + \text{VMT}_{\text{C}} + \text{VMT}_{\text{SC}} + \text{VMT}_{\text{ANG}} + \text{VMT}_{\text{AFRC}}$$

$\text{VMT}_{\text{Total}}$: Total Vehicle Miles Travel (miles)

VMT_{AD} : Active Duty Personnel Vehicle Miles Travel (miles)

VMT_{C} : Civilian Personnel Vehicle Miles Travel (miles)

VMT_{SC} : Support Contractor Personnel Vehicle Miles Travel (miles)

VMT_{ANG} : Air National Guard Personnel Vehicle Miles Travel (miles)

VMT_{AFRC} : Reserve Personnel Vehicle Miles Travel (miles)

- Vehicle Emissions per Year

$$\text{V}_{\text{POL}} = (\text{VMT}_{\text{Total}} * 0.002205 * \text{EF}_{\text{POL}} * \text{VM}) / 2000$$

V_{POL} : Vehicle Emissions (TONs)

$\text{VMT}_{\text{Total}}$: Total Vehicle Miles Travel (miles)

0.002205: Conversion Factor grams to pounds

EF_{POL} : Emission Factor for Pollutant (grams/mile)

VM: Personnel On Road Vehicle Mixture (%)

2000: Conversion Factor pounds to tons