

# Air Force Civil Engineer Center

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## Former Chanute Air Force Base (AFB) Public Meeting

November 15, 2018  
Rantoul Business Center  
601 South Century Blvd  
Rantoul, Illinois



# Welcome & Introductions

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- **Air Force**
- **Illinois Environmental Protection Agency (EPA)**
- **APTIM**



# Overview

- **Purpose of Public Meeting**
- **Overview of the Former Building 107 Trap Range (Site SS082)**
  - **History/Contaminants of Concern**
  - **Site Inspection (SI)**
  - **Time-Critical Removal Action (TCRA)**
  - **Recommendation of No Further Action (NFA)**
- **Define the Public Comment Period and Submittal Process**



# Purpose of Public Meeting



- **Provide a technical overview of the Former Building 107 Trap Range**
- **Gather public input for the remedy selection**



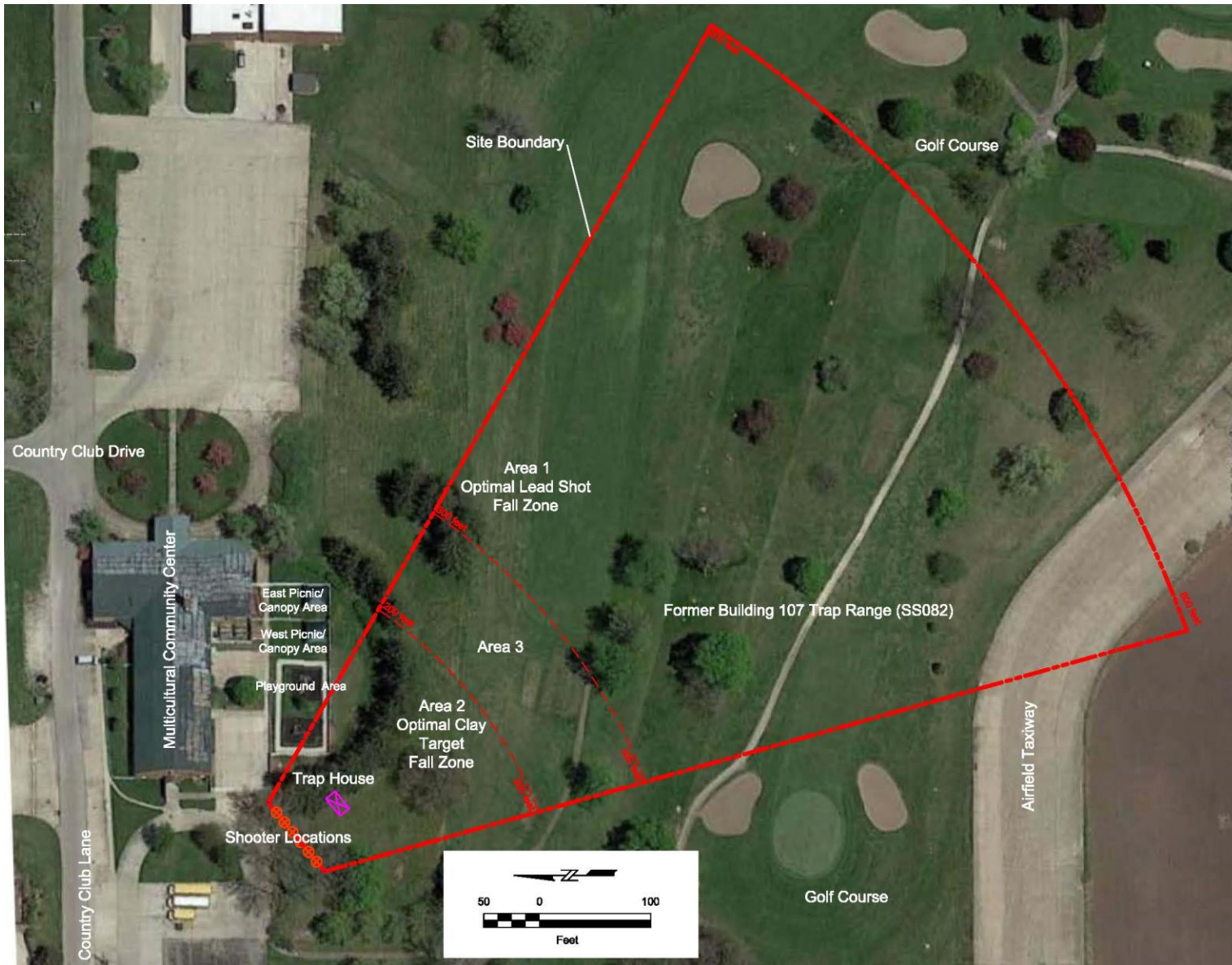
# Public Repository



- **A copy of the Proposed Plan is located at**
  - Rantoul Public Library
  - Online Air Force Administrative Record (Number 578984):  
<http://afcec.publicadmin-record.us.af.mil>
  - Online Chanute Information Repository:  
<http://www.afcec.af.mil/Home/BRAC/Chanute.aspx>
- **A copy of the Proposed Plan is also available today**



# Site Location Map





# Former Building 107 Trap Range



- **Site SS082 encompasses an estimated 7 acres**
- **Operated as a skeet range for military personnel in early 1920s to as late as early 1940s**
- **Current land use includes portions of the public golf course, the northeast corner of the airfield taxiway, and a small portion of the Multicultural Community Center**
- **Future residential land use is unlikely given the current use, location, and use of surrounding properties**



# Site Inspection (SI)



- **SI sampling events were completed between November 2015 and March 2017 to determine if past activities resulted in a release of contaminants of concern (COCs) to the environment**
- **Primary COCs**
  - **Polynuclear aromatic hydrocarbons (PAHs) (clay targets) and lead (shot)**
- **Screening levels**
  - **Conservative values used to identify areas that indicate possible influences on the environment from activities that require delineation and evaluation of potential health risk**





# Site Inspection (SI) (cont'd)



- **Results**

- **Small areas with levels of lead and/or PAHs in surface and subsurface soil above screening levels, including in the subsurface soil at the playground area of the Multicultural Community Center (children not exposed)**
- **The screening level risk assessment showed the cancer risk from PAHs for the hypothetical future resident to exceed the upper limit of the risk management range (1 in 10,000 [ $1 \times 10^{-4}$ ])**
- **No ecological risk assessment is warranted based on limited habitat due to routine human disturbance**



# Site Inspection (SI) (cont'd)



- **SI Report recommended a TCRA because there are no restrictions on site activities and people can be exposed to contaminated soil during routine maintenance activities**



# Former Building 107 Trap Range





# Time-Critical Removal Action



- **Completed TCRA in April – May 2018**
  - Set up temporary playground area for Multicultural Community Center
  - Excavated 986 tons of contaminated non-hazardous soil
  - Disposed of non-hazardous soil at the Illinois Landfill in Hoopeston, Illinois
  - Restored site to match pre-existing physical conditions of the playground, fence, and grass
- **Conducted risk assessment after TCRA**



# Time-Critical Removal Action Risk Assessment Conclusions



- **Cancer risk from PAHs for the residual soil is less than the point-of-departure (POD) risk**
  - **POD risk is 1.2 in 100,000 ( $1.2 \times 10^{-5}$ ) for direct-contact screening levels based on background levels of PAHs at Chanute**
- **Lead is below the screening level for unlimited use and unrestricted exposure (UU/UE), i.e., residential use**



# Proposed Plan

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- **No Further Action (NFA) is proposed for Site SS082**
  - Residual soil does not pose unacceptable risks to human health for UU/UE
  - There are no ecological receptors due to limited habitat



# Public Comments

- **30-day public comment period started 7 November 2018 and ends December 7, 2018**
- **Written and oral comments accepted today**
- **Following meeting, comments may be sent via mail, email or fax to:**
  - Mr. Paul Carroll, P.G.
  - 9801 Reese Blvd. North, Suite 210
  - Lubbock, TX 79416-2107
  - Fax: (806) 885-5022
  - Email: paul.carroll.1@us.af.mil
- **Any mailed comments must be postmarked by December 7, 2018**

