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**U.S. Air Force  
Military Munitions Response Program**

# **PROPOSED PLAN FOR NO FURTHER ACTION AT FORMER SKEET RANGES, TS775 AND TS776**

**Kirtland Air Force Base, New Mexico**



**January 2013**

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## **THE U.S. AIR FORCE ANNOUNCES PROPOSED PLAN FOR NO FURTHER ACTION**

This Proposed Plan identifies the U.S. Air Force's plan for No Further Action at the former skeet ranges, TS775 and TS776 (hereafter the sites). This Proposed Plan also provides the reason that No Further Action is appropriate for these sites.

This Proposed Plan is issued by the U.S. Air Force, with regulatory oversight from the U.S. Environmental Protection Agency.

This Proposed Plan does not affect cleanup actions at other sites under the jurisdiction of the U.S. Air Force. The U.S. Air Force may select another response action based on new information or public comments. Therefore, the public is encouraged to review and comment on this Proposed Plan. The last page of this document can be used for submitting comments.

The U.S. Air Force is issuing this Proposed Plan as part of its public participation responsibilities under the Comprehensive Environmental Response, Compensation, and Liability Act (hereafter CERCLA) and the National Oil and Hazardous Substances Pollution Contingency Plan.

This Proposed Plan highlights key information that can be found in greater detail in the Abbreviated Remedial Investigation Report, Engineering Evaluation/Cost Analysis Report, the Removal Action Completion Report, and other documents contained in the Administrative Record file for this site.

## **MARK YOUR CALENDAR!**

### **PUBLIC COMMENT PERIOD:**

**January 20 – February 19, 2013**

The U.S. Air Force will accept written comments on the Proposed Plan during the public comment period.

### **PUBLIC MEETING:**

**April 23, 2013 at 5:30 PM**

The U.S. Air Force will hold a public meeting to present the Proposed Plan for No Further Action from 5:30 PM to 7:30 PM on April 23, 2013. The meeting will be held at the Cesar Chavez Community Center, 7505 Kathryn Avenue SE, Albuquerque, New Mexico 87108.

### **ADMINISTRATIVE RECORD:**

For more information on the site, see the Administrative Record at the Central New Mexico Community College-Montoya Campus Library, 4700 Morris NE, Albuquerque, New Mexico 87106. The Administrative Record is also available online at the following link:  
<https://kirtlandmmp.tlisolutions.net/main.aspx>

The U.S. Air Force and U.S. Environmental Protection Agency encourage the public to review these documents to gain a better understanding of these sites and the investigations that were conducted at the sites.

## SITE NAME, LOCATION, AND DESCRIPTION

The sites are named Military Munitions Response Program Sites TS775 – Air Field Skeet Range and TS776 – Skeet Range.

The sites are located on an elevated mesa in the northwest portion of Kirtland Air Force Base, in Albuquerque, New Mexico. The map on the next page shows the locations of Sites TS775 and TS776 within Kirtland Air Force Base.

Site TS775 encompasses 25.2 acres of land area, immediately adjacent to the Albuquerque International Sunport south airport taxiway. Site TS776 encompasses 29.3 acres of land area, approximately 1 mile east-southeast of the taxiway.

## SITE HISTORY

The sites are former skeet ranges initially operated during World War II. Site TS775 was used until the end of World War II. Site TS776 was used as a recreational skeet range through 1998.

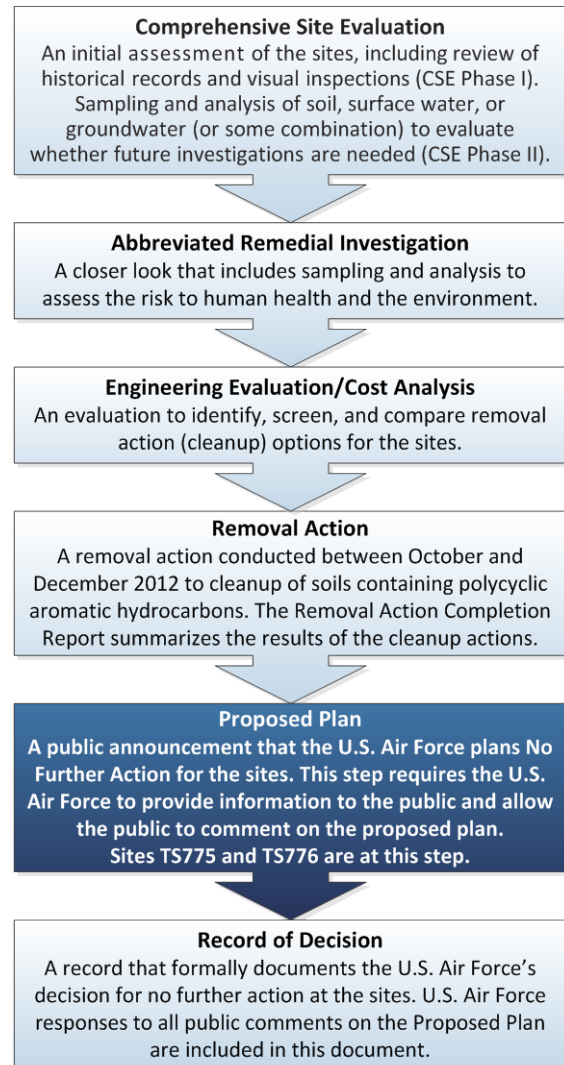
Historical records indicate that approximately 84,000 pounds of lead shot were removed from Site TS776 every 3 years as part of range maintenance. The historical records did not indicate whether lead shot were removed from Site TS775, or whether clay target fragments were removed from either of the sites.

## PREVIOUS INVESTIGATION AND CLEANUP ACTIONS

Previous investigations and cleanup actions at the sites include:

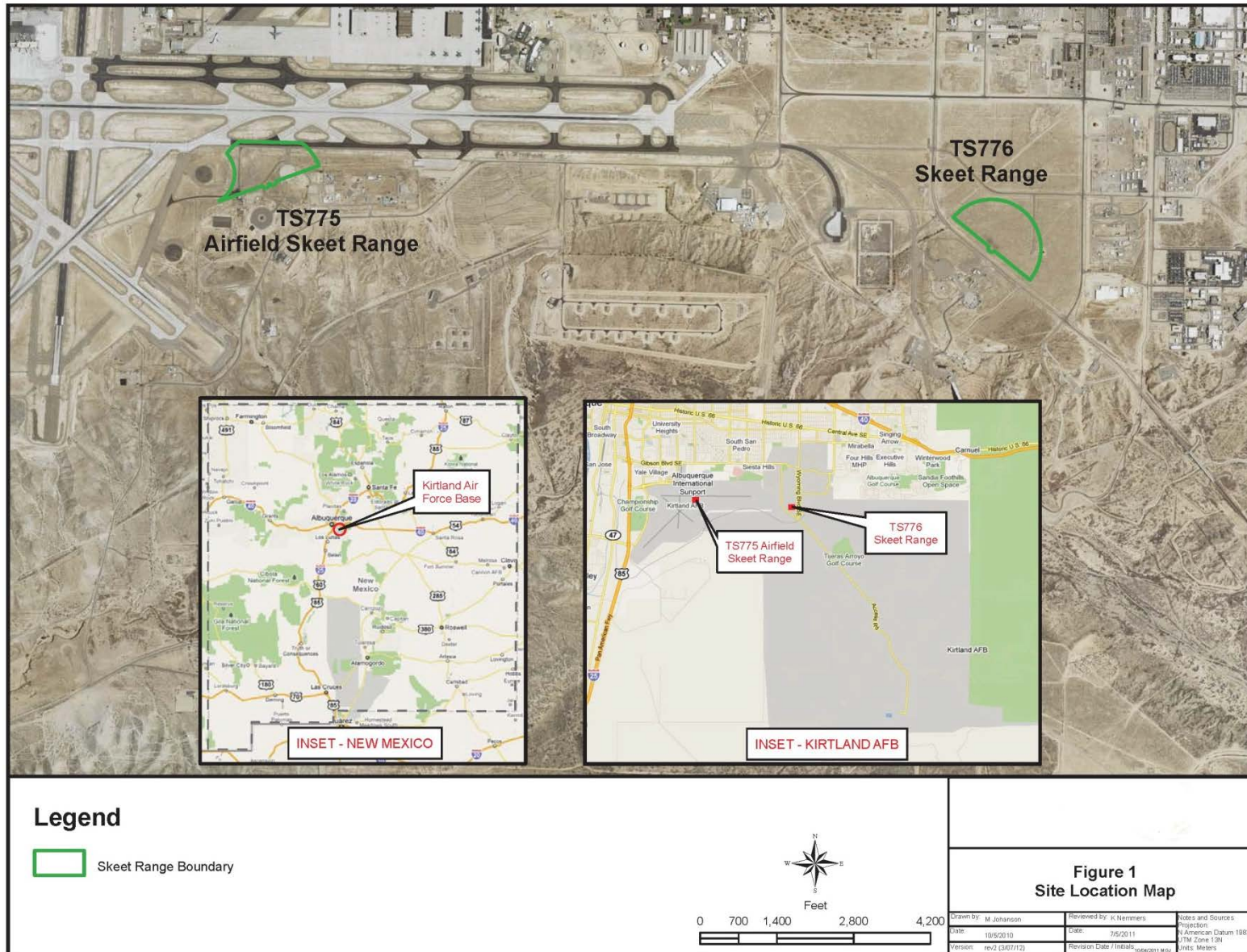
- Comprehensive Site Evaluation (hereafter CSE) Phase I that complies with the Preliminary Assessment under CERCLA;
- CSE Phase II that complies with the Site Inspection under CERCLA;
- Abbreviated Remedial Investigation that includes the Baseline Risk Assessment;
- Engineering Evaluation/Cost Analysis; and
- Removal Action (cleanup action) at both sites.

## Where are we in the cleanup process?



The CSE Phase I identified the sites as former skeet ranges and recommended further investigation to evaluate the potential for soil contamination.

The CSE Phase II identified concentrations of polycyclic aromatic hydrocarbons (hereafter PAHs) in soil above New Mexico Environment Department (hereafter NMED) residential soil screening levels at Site TS775 and concentrations of lead and PAHs in soil above NMED residential soil screening levels at Site TS776, indicating a potential risk to human health and the environment.



Additional soil samples were collected during the Abbreviated Remedial Investigation to further characterize the nature and extent of contamination at the sites.

The Baseline Risk Assessment identified PAHs in soil at concentrations that pose a risk to human health at both sites. The clay target fragments, which are made from coal tar and limestone, were identified as the primary source of the PAHs in soil near the firing points.

The Baseline Risk Assessment also evaluated the potential risk to human health from exposure to lead in soil and concluded that concentrations of lead in soil do not pose any risks to human health at the sites.

The Engineering Evaluation/Cost Analysis identified excavation and offsite disposal of contaminated soil as the preferred cleanup action for both sites.

From October through December 2012, the U.S. Air Force excavated and disposed of 4,300 tons of contaminated soil. Soil samples collected from the bottom the excavations confirmed that PAH concentrations fell below residential soil screening levels.

#### **SCOPE AND ROLE OF RESPONSE ACTION**

The No Further Action response will involve no further investigation or cleanup at the sites.

#### **SITE CHARACTERISTICS**

Because the U.S. Air Force has removed all contaminated soil from the sites, there is no known or suspected contamination at the sites.

#### **CURRENT AND POTENTIAL FUTURE USE**

The current and potential future use of the sites is for light industrial, administrative, and research purposes. The sites are currently undeveloped.

#### **SUMMARY OF SITE RISKS**

The U.S. Air Force has removed all contaminated soil from the sites and there is no residual human health or ecological risk present at the sites.

#### **COMMUNITY PARTICIPATION**

The U.S. Air Force provided information and solicited public input to response actions at these sites through publishing a public notice in the ABQ Journal for the EE/CA, as well as publishing the document on the Environmental Issues tab on the Kirtland AFB website. Additionally, documents for this site can be found on the Kirtland AFB Administrative Record. The U.S. Air Force encourages the public to gain a better understanding of the sites and the response actions that have been conducted.

The dates for the public comment period, the date, location, and time of the public meeting, and the locations of the Administrative Record files, are provided on the front page of this Proposed Plan.

**Comments and requests for further information on the site should be directed to:**

Mr. Scott Clark  
377 MSG/CEIR  
2050 Wyoming Blvd. SE  
Kirtland AFB, New Mexico 87117-5270  
Phone: (505) 846-9017  
E-mail: scott.clark@kirtland.af.mil

## GLOSSARY OF TERMS

**Disposal** – End of life tasks or actions for residual materials resulting from demilitarization or disposition operations.

**Disposition** – The process of reusing, recycling, converting, redistributing, transferring, donating, selling, demilitarizing, treating, destroying, or fulfilling other lifecycle guidance, for DoD property.

**Engineering Evaluation/Cost Analysis (EE/CA)** – A study under the Comprehensive Environmental Response, Compensation, and Liability Act Non-Time-Critical Removal Action process that identifies the objectives of the removal action and analyzes the various alternatives that may be used to satisfy these objectives for cost, effectiveness, and implementability. While an EE/CA is similar to the Remedial Investigation/Feasibility Study conducted for remedial actions, it is less comprehensive.

**Military Munitions** – Military munitions means ammunition products and components produced for or used by the armed forces for national defense and security, including solid propellants, explosives, pyrotechnics, smokes, and incendiaries, rockets, mortar rounds, artillery ammunition, small arms ammunition, grenades, demolition charges; and devices and components thereof.

**Munitions Response** – Response actions, including investigation, removal actions and remedial actions to address the explosives safety, human health, or environmental risks presented by unexploded ordnance, discarded military munitions, or munitions constituents, or to support a determination that no removal or remedial action is required.

**Proposed Plan** – Document used to facilitate public involvement in the remedy selection process. The document presents the lead agency's preliminary recommendation concerning how best to address contamination at the site, presents alternatives that were evaluated, and explains the reasons the lead agency recommends the Preferred Alternative.

**Remedial Investigation** – An in-depth study of a contaminated site that needs to determine the nature and extent of contamination. This includes sampling of air, soil, water or waste (or any combination). Usually, a remedial investigation is combined with a feasibility study.

**Removal Action** – Action under the Comprehensive Environmental Response, Compensation, and Liability Act that involves short-term abatement of pollution (as removal of toxic substances).

**USE THIS SPACE TO WRITE YOUR COMMENTS**

Your input on the Proposed Plan for the site is important to the U.S. Air Force. Comments provided by the public are valuable in helping the U.S. Air Force select a final remedy for the site.

You may use the space below to write your comments. If mailed, the comments must be postmarked by February 19, 2013 and sent to the address below. If you have any questions about the comment period, please contact Mr. Scott Clark at (505) 846-9017.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Comments: