
Final

Public Involvement Plan
Addendum 1: Indoor Firing Range (AOC #75)

Former Lockbourne Air Force Base
FUDS Property: G05 OH0007

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Acronyms and Abbreviations

ACM	asbestos-containing material
AOC	Area of Concern
CD	compact disk
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CRAA	Columbus Regional Airport Authority
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
EQ	Environmental Quality Management, Inc.
FUDS	Formerly Used Defense Site
Ohio EPA	Ohio Environmental Protection Agency
PIP	Public Involvement Plan
RPA	Rickenbacker Port Authority
TCRA	Time-Critical Removal Action
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency

Section 1: Overview of Public Involvement Plan Addendum

The U.S. Army Corps of Engineers (USACE), Louisville District, prepared this addendum to the Public Involvement Plan (PIP) for the indoor firing range site, also known as Area of Concern (AOC) #75, at the former Lockbourne Air Force Base.

USACE will use this PIP addendum to ensure the public is informed about environmental investigation and cleanup activities at the indoor firing range site and provided opportunities to be involved in the decision-making process.

This addendum includes information specific to the indoor firing range site. Section 1 presents the purpose of the addendum to the PIP. Section 2 provides details regarding ownership, history, location and a site description. Section 3 summarizes USACE's public involvement program for the indoor firing range site. The reference section lists those documents relied upon to prepare this PIP addendum.

For information about overall public involvement goals and community background for the former Lockbourne Air Force Base, please refer to the original PIP prepared in May 2011 (CH2M Hill, 2011).

This PIP addendum was prepared in accordance with USACE and USEPA guidance (USACE, 2004 and USEPA, 2005).

Section 2: Site Description

This section covers site ownership, responsibility, location and a description of the indoor firing range site at the former Lockbourne Air Force Base. This section also presents a summary of previous environmental investigations and response actions.

2.1 Site Ownership and Responsibility

The indoor firing range site is located on the grounds of the former Lockbourne Air Force Base. The Department of Defense (DoD) began using the base in 1942. In 1984, DoD began the process of transferring a portion of the base property (on which the indoor firing range was located) to the Rickenbacker Port Authority (RPA), now the Columbus Regional Airport Authority (CRAA). The portions of the former Lockbourne Air Force Base transferred to CRAA are considered a Formerly Used Defense Site (FUDS) property, which is defined as DoD property transferred to another owner prior to October 17, 1986.

DoD is responsible for evaluating and cleaning up DoD-generated environmental contamination at FUDS properties in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended by the Superfund Amendments and Reauthorization Act of 1986 and the National Oil and Hazardous Substance Pollution Contingency Plan, commonly called the National Contingency Plan.

The U.S. Army has responsibility to oversee the FUDS program for DoD. USACE manages the evaluation and cleanup of these properties. USACE is the lead agency for site cleanup activities at the indoor firing range site. The Ohio Environmental Protection Agency (Ohio EPA) is the lead regulatory agency for this site, overseeing cleanup activities.

2.2 Site Location and Description

The former Lockbourne Air Force Base is located about 12 miles southeast of downtown Columbus and one half mile east of the Village of Lockbourne in Franklin and Pickaway counties (see **Figure 1**).

The indoor firing range site is located in the southeastern portion of the former air force base (see **Figure 2**). Constructed on top of a former concrete runway at the base, the building was approximately 40 feet wide by 80 feet long and consisted of an unpainted wood and metal frame structure covered with corrugated metal siding. The building was in disrepair, and the floor was covered with 6 inches to 3 feet of sand. It was partially surrounded by an earthen berm along the north, east, and south sides (see **Figures 3 and 4**).

2.3 Summary of Environmental Investigations

In the mid-2000s, a Site Investigation was conducted for several AOCs at the former air force base, including the indoor firing range (Shaw, 2006). During the investigation, samples of sand from within the indoor firing range building were collected and analyzed for metals. Concentrations of lead and antimony in the sand were found to be greater than risk-based project action levels.

In addition, in 2009 during a pre-demolition inspection, a certified building inspector determined that floor tile in the building's foyer contained asbestos-containing materials (ACM).

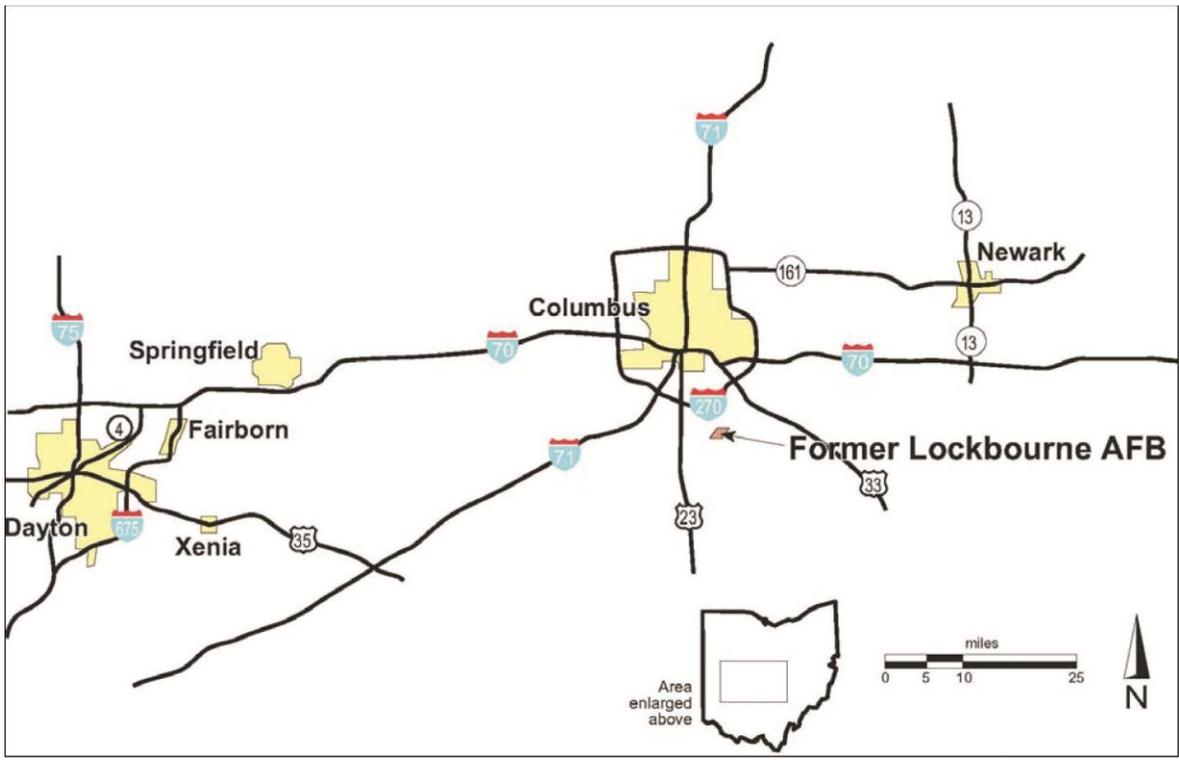


Figure 1. Location of the Former Lockbourne Air Force Base

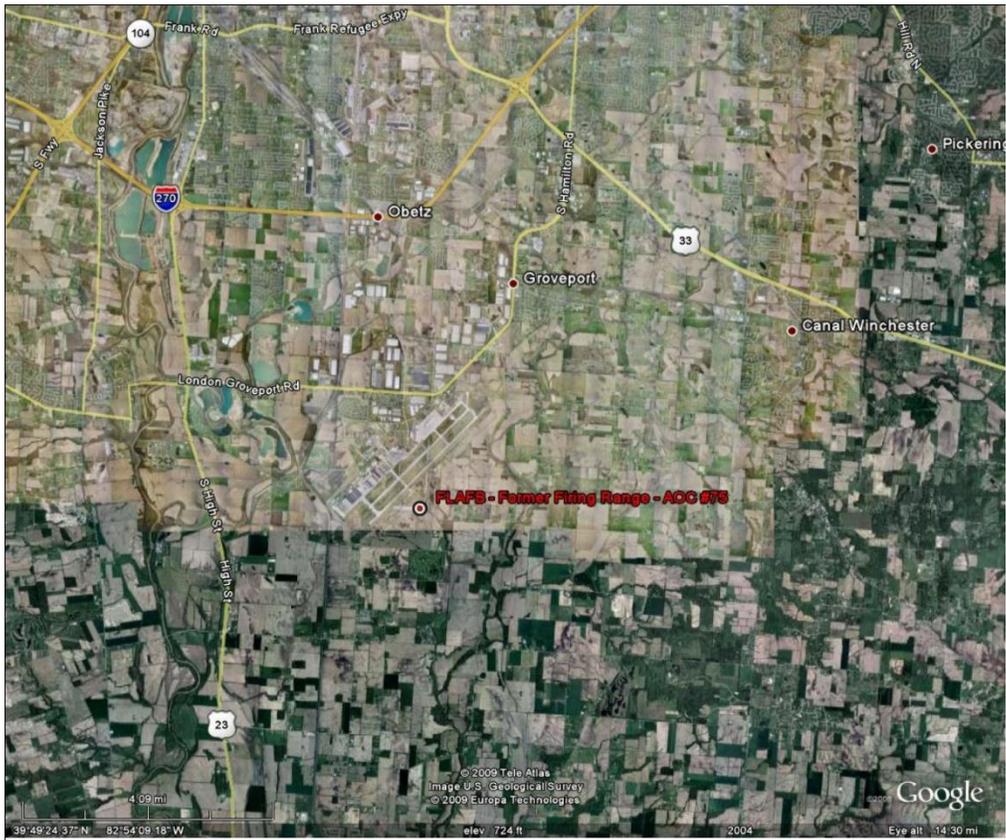


Figure 2. Location of the Indoor Firing Range



Figure 3. Exterior of Indoor Firing Range



Figure 4. Interior of Indoor Firing Range

Based on the findings of the Site Investigation, a time-critical removal action (TCRA) was initiated in October 2010 to address potential threats to human health. The removal action consisted of:

- Removal of sand and soil from outside the building
- Removal of sand from inside the building
- Removal and disposal of asbestos-containing material (ACM), namely floor tile
- Cleaning and rinsing of the interior surface of the building
- Demolition of the building
- Cleaning of the footprint of the building and surrounding concrete apron, following demolition.

On October 5 and 21, 2010, following the removal action, soil samples were collected from the vicinity of the indoor firing range and analyzed for levels of antimony and lead. This round of sampling indicated that additional removal of soil was necessary to achieve the project action levels for the two metals.

On October 21, 2010, one groundwater monitoring well was installed through the building floor. On October 26, 2010, a groundwater sample was taken and analyzed for metals. Antimony and lead concentrations were found to be below the project action levels.

In June 2011, additional soil was removed from the north, east and south sides of the building to address the levels of antimony and lead in soil.

Subsequent sampling conducted following the removal action indicated that project action levels were met and that potential risks posed by the site had been mitigated. The cleanup efforts conducted during the removal action were determined to be protective of human health and the environment.

2.4 Proposed Plan

In July 2012, a Proposed Plan (EQ, 2012) was prepared for the site, which recommended “No Further Action” at the site.

Section 3: USACE Public Involvement Program

The CERCLA process is designed to help improve the public's understanding of environmental issues and to involve them in the decision-making process. A number of public involvement activities are mandated by the CERCLA process, but a truly effective program will step beyond the requirements.

USACE's public involvement program promotes open, two-way communications with the community and provides multiple opportunities for the public to obtain information regarding environmental activities.

3.1 Public Involvement Program for the Indoor Firing Range

USACE's public involvement program for the indoor firing range includes the following elements:

3.1.1 Public Involvement Plan

A PIP specifies the community relations activities USACE expects to undertake during a response action. An initial comprehensive PIP was prepared in May 2011 for the former Lockbourne Air Force Base focusing on the landfill. This addendum to the PIP was prepared in July 2012 for the indoor firing range. A copy of the PIP and the PIP addendum are available in the Administrative Record File/Information Repository (see section 3.1.2).

3.1.2 Administrative Record File/Information Repository

The Administrative Record File is the official legal record of the CERCLA decision process and contains documents and/or correspondence that form the basis for selecting a response action. The file or a copy of it must be made accessible to the public and is usually co-located with the Information Repository. The Information Repository provides background information such as fact sheets, news releases/articles, newsletters and other public affairs products, including the PIP.

For the indoor firing range site, USACE has established two locations for the public to view the Administrative Record File/Information Repository. These include:

- Columbus Metropolitan Library
Southeast Branch
3980 S. Hamilton Rd
Groveport, OH 43125
(614) 645-2275

Because of limited shelf space at this library, all documents are in CD format. The library has public access computers where community members can read the CDs. The library hours are Monday through Thursday (9 a.m. to 9 p.m.), Fridays and Saturdays (9 a.m. to 6 p.m.) and Sundays (1 p.m. to 5 p.m.).

- Project website at <http://bit.ly/LockbourneAFB>

3.1.3 Public Notice

A public notice is a notice provided to inform the public of planned response actions or to announce forums (e.g., availability of Administrative Record File, public comment periods, decision documents) for public involvement in the decision-making process. Public notices are placed in major local newspapers of general circulation and are generally run as a display advertisement.

For the indoor firing range, USACE will provide public notices for the following activities:

- Availability of Administrative Record File and start of a 30-day public comment period for the Time-Critical Removal Action. This public notice ran in the *Columbus Dispatch* on December 10, 2011.
- Availability of the Proposed Plan in the Administrative Record File and the start of a 30-day public comment period on the Proposed Plan
- Announcement of final cleanup decision for the indoor firing range.

The public notices will be published in the *Columbus Dispatch* newspaper.

3.1.4 Public Comment Periods

Public comment periods are formal opportunities for community members to provide input to cleanup program documents and proposed decisions. Public comment periods will be conducted in accordance with provisions of CERCLA. The comment periods will be announced by Public Notice in a major local newspaper of general circulation. Comment periods are typically 30 days, but may be extended in response to timely request by one or more affected party. USACE will carefully consider public comments (if any are submitted), before making decisions regarding proposed cleanup actions. The Responsiveness Summary will document the USACE responses to public comments and will be made available to the public (see section 3.1.5).

For the indoor firing range, USACE will provide public comment periods for the following activities:

- 30-day public comment period for the Time-Critical Removal Action. This comment period ran from December 11, 2011 to January 12, 2012.
- 30-day public comment period for the Proposed Plan.

The public comment periods will be announced by public notice in the *Columbus Dispatch* newspaper.

3.1.5 Responsiveness Summary

A Responsiveness Summary is a document containing written responses from USACE to significant comments submitted by the public in oral or written form during a public comment period. If any significant comments are received and result in changes to the scope, performance or cost, the document must be revised, re-issued and a second 30-day public comment period must be held. The document is usually attached to the final decision package.

The Responsiveness Summary (if prepared) must be placed in the Administrative Record File/Information Repository.

For the indoor firing range, a Responsiveness Summary will be prepared if significant comments are received following any public comment periods indicated in section 3.1.4.

3.1.6 Public Meetings

Public meetings provide an opportunity for information exchange among USACE, other agencies, the media, and the public. USACE may use public meetings as a forum to update the community on the progress of the environmental restoration program and to solicit community input. If a public meeting is held, a transcript of the meeting must be kept and made available to the public in the Administrative Record File.

For the indoor firing range, a public meeting may be requested during the public comment period for the Proposed Plan. If a public meeting is requested, USACE will inform the public of the scheduled time and location of upcoming public meetings by display advertisement in the *Columbus Dispatch*.

3.1.7 Letters and Fact Sheet

Letters and fact sheets are recommended during the CERCLA process as an additional means of conveying information to the public. A fact sheet is an information publication that answers typical questions the public might have about an environmental issue in lay language.

For the indoor firing range, a letter and fact sheet will be prepared for the Proposed Plan. The letter and fact sheet will be sent to key stakeholders. The fact sheet will additionally be placed in the Administrative Record File/Information Repository (see section 3.1.2).

3.1.8 Website

A project website is recommended during the CERCLA process as an alternative means of informing the public about the investigation and cleanup. The project website can also serve as an electronic Administrative Record File/Information Repository.

Information about the site, including electronic copies of documents in the Administrative Record File/Information Repository, is available on the USACE website for the former Lockbourne Air Force Base at <http://bit.ly/LockbourneAFB>.

3.1.9 Points of Contact

Points of contact are an essential part of any public involvement program. The public needs to know where to direct questions and where to submit written or oral comments during a public comment period.

The following are points of contact for the site:

USACE

Mr. Josh Van Bogaert
U.S. Army Corps of Engineers, Louisville District
EDE-E-C, Room 351
P.O. Box 59
Louisville, KY 40201-0059
Office: (502) 315-6333
Email: Joshua.Vanbogaert@usace.army.mil

Ms. Katelyn C. Newton
U.S. Army Corps of Engineers, Louisville District
Public Affairs Office
P.O. Box 59
Louisville, KY 40201-0059
Office: (502) 315-6773
Email: katelyn.c.newton@usace.army.mil

Regulatory Contacts

Ohio Environmental Protection Agency
Division of Emergency and Remedial Response
Central District Office
50 W. Towne Street, Suite 700
Columbus, OH 43215
Attn: Fred Myers
Office: (614) 728-3830
Fax: (614) 728-3898
Email: fred.myers@epa.state.oh.us

Airport Contacts

Columbus Regional Airport Authority
4600 International Gateway
Columbus, OH 43219
Attn: Paul Kennedy
Manager, Energy and Environment
Office: (614) 239-3347 Mobile: (614) 736-0052
Email: pkennedy@ColumbusAirports.com

Air National Guard
USAF ANG 121 ARW/CES
Public Affairs, 121st Air Refueling Wing
7370 Minuteman Way
Columbus, Ohio 43217
Attn: Roger Jones
Email: Roger.Jones@ang.af.mil
Office: (614) 492-3408 or (614) 492-3269

Airport Contacts (continued)

Air Force Real Property Agency (AFRPA)
COO-ER Loring Operations Office, Eastern
Region-Loring
154 Development Drive, Suite G
Limestone, ME 04750-6122
Attn: Peter Forbes, YD-02, DAF
Office: (207) 328-7109
Email: peter.forbes@us.af.mil

3.2 Anticipated Schedule of Public Involvement Activities

The tentative schedule for public involvement activities for the indoor firing range is as follows:

- Establish and maintain Administrative Record File/Information Repository: **Ongoing**
- Project Website: **Ongoing**
- Public Notice for Time-Critical Removal Action: **December 10, 2011**
- Public Comment Period for Time-Critical Removal Action: **December 11, 2011 through January 12, 2012**
- Responsiveness Summary for Time-Critical Removal Action: **After public comment period (no significant comments received)**
- Public Involvement Plan Addendum 1: **July 2012**
- Distribute Letter and Fact Sheets for the Proposed Plan: **July 11, 2012**
- Public Notice for the Proposed Plan: **July 12, 2012**
- Public Comment Period for the Proposed Plan: **July 13, 2012 through August 13, 2012**
- Responsiveness Summary for the Proposed Plan: **After public comment period as part of Decision Document**
- Public Meeting on the Proposed Plan (if requested): **To be determined**
- Public Notice on Decision Document: **To be determined**

Section 4: References

CH2MHill, 2011. *Public Involvement Plan for Former Lockbourne Air Force Base (landfill)*. May.

Environmental Quality Management, Inc. (EQ), 2012. *Draft Proposed Plan, Indoor Firing Range (Area of Concern #75), Former Lockbourne Air Force Base, FUDS Property G05 OH0007*. February.

Shaw, 2006. *Site Investigation of 21 Areas of Concern, Former Lockbourne AFB, Columbus, Ohio*.

USACE, 2004. USACE Engineer Regulation 200-3-1, *Environmental Quality - Formerly Used Defense Sites Program Policy*. May.

_____, 2004. Engineer Pamphlet 1110-3-8, *Public Participation in the Defense Environmental Restoration Program (DERP) for Formerly Used Defense Sites (FUDS)*. April.

U.S. Environmental Protection Agency (USEPA), 2005. *Superfund Community Involvement Handbook* (USEPA 540-K-05-003). April.