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PUBLIC INVOLVEMENT PLAN ADDENDUM

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FINAL PUBLIC INVOLVEMENT PLAN ADDENDUM FOR ROCKET RIDGE



Ravenna Army Ammunition Plant (RVAAP)
Ravenna, Ohio

Contract No. W912QR-09-P-0033

Submitted to



U.S. Army Corps of Engineers, Louisville
600 Dr. Martin Luther King, Jr. Place
Louisville, KY 40202

Submitted by



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June 30, 2009

**FINAL
PUBLIC INVOLVEMENT PLAN ADDENDUM
For
Rocket Ridge

Ravenna Army Ammunition Plan
Ravenna, Ohio**

June 30, 2009

Prepared for the United States Army Corp of Engineers, Louisville District

By:

PIKA International, Inc.

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1.0 OVERVIEW OF PUBLIC INVOLVEMENT PLAN

1.1 Overview of the Public Involvement Plan

The U.S. Army Corps of Engineers, Louisville District has written this Public Involvement Plan Addendum (PIP) to facilitate communication between the community surrounding Ravenna, Ohio and the Ravenna Army Ammunition Plant (RVAAP) during implementation of the Phase I Time Critical Removal Action (TCRA) at the RVAAP Rocket Ridge Area. This PIP has been developed to tier under and supplement the 2003 Ravenna Army Ammunition Plant Community Relations Plan. This plan identifies issues of community concern regarding the Phase I TCRA at the RVAAP Rocket Ridge site and serves as a guide for public involvement goals and objectives.

Federal agencies develop community relations programs to be consistent with the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) Section 113(k)(2), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). It is the policy of the Department of Defense to involve the local community in the environmental restoration process. These requirements are the basis for more comprehensive and effective community relations activities. By identifying the public's concerns, the Army is able to fashion a response that more effectively addresses the community's needs.

The plan addresses how the public will be informed and involved in the investigation and site activities for the RVAAP. Included in the plan will be:

- Public Involvement Goals and Objectives
- Site Location, Description, Ownership and History
- Community Background and Profile
- Proposed Public Involvement Program

This information is based on research conducted on the community, the past record of USACE activity and from interviews conducted with key stakeholders.

The USACE Louisville District will be forthright, responsive, clear and proactive in their communications involving the stakeholders including members of the general public, elected officials, interest groups, and the media who express an interest in this site.

1.2 Public Involvement Goals and Objectives

It is the USACE's objective to establish an information flow with these stakeholders and involve them in suitable public involvement activities; increase public awareness of the program and its activities; lessen any misunderstanding about environmental problems and potential hazards; and facilitate a two-way communication with the stakeholders and the community at large to demonstrate the ability of the USACE's Louisville District to perform its mission in an effective and efficient manner.

The objectives of the Army's public involvement efforts include:

- Facilitate two-way communications between the community and the Corps' project delivery team;
- Inform the community of the environmental progress at the former RVAAP;
- Involve the community in the process, so they may provide knowledgeable comments; and
- Develop and maintain relationships with media to report accurate, thorough information about the former RVAAP, the environmental investigation and clean up.

2.0 PROPERTY DESCRIPTION

2.1 RVAAP Site Location, Description, and History

When the RVAAP Installation Restoration Program (IRP) began in 1989, the RVAAP was identified as a 21,419-acre installation. The property boundary was resurveyed by the Ohio Army National Guard (OHARNG) over a two-year period (2002 and 2003), and the actual total acreage of the property was found to be 21,683 acres. As of February 2006, a total of 20,403 acres have been transferred to the National Guard Bureau (NGB) and subsequently licensed to the OHARNG for use as a military training site known as Camp Ravenna. The current RVAAP consists of 1,280 acres scattered throughout Camp Ravenna.

Camp Ravenna is in northeastern Ohio within Portage and Trumbull Counties, approximately 4.8 kilometers (3 miles) east northeast of the City of Ravenna and approximately 1.6 kilometers (1 mile) northwest of the City of Newton Falls. The RVAAP portions of the property are located solely within Portage County. The Camp Ravenna/RVAAP property is approximately 17.7 kilometers (11 miles) long and 5.6 kilometers (3.5 miles) wide, bounded by State Route 5, the Michael J. Kirwan Reservoir, and the CSX System Railroad on the south; Garret, McCormick, and Berry roads on the west; the Norfolk Southern Railroad on the north; and State Route 534 on the east. Camp Ravenna is surrounded by several communities: Windham on the north; Garrettsville 9.6 kilometers (6 miles) to the northwest; Newton Falls 1.6 kilometers (1 mile) to the southeast; Charlestown to the southwest; and Wayland 4.8 kilometers (3 miles) to the south.

When RVAAP was operational, Camp Ravenna did not exist and the entire 21,683-acre parcel was a government-owned contractor-operated (GOCO) industrial facility. The RVAAP IRP encompasses investigation and cleanup of past activities over the entire 21,683 acres of the former RVAAP. References to the RVAAP in this document are considered to include the historical extent of RVAAP unless otherwise stated. A regional map indicating the location of the RVAAP is presented as Figure 1, Appendix J.

Production at the facility began in December 1941, with the primary missions of depot storage and ammunition loading. The installation was divided into two separate units – the Portage Ordnance Depot and the Ravenna Ordnance Plant. The Portage Ordnance Depot's primary mission was storage of munitions and components, while the mission

of the Ravenna Ordnance Plant was loading and packing major caliber artillery ammunition and the assembly of munitions initiating components that included fuzes, boosters, and percussion elements. In August 1943, the installation was redesignated the Ravenna Ordnance Center and again, in November 1945, as the Ravenna Arsenal. The plant was placed in standby status in 1950 and operations were limited to renovation, demilitarization and normal maintenance of equipment, along with storage of ammunition and components.

The plant was reactivated during the Korean Conflict to load and pack major caliber shells and components. All production ended in August 1957; and in October 1957, the installation was again placed in a standby condition. In October 1960 the ammonium nitrate line was renovated for demilitarization operations, which involved melting explosives out of bomb casings for subsequent recycling. These operations commenced in January 1961. In July 1961, the plant was again deactivated. In November 1961, the installation was divided into the Ravenna Ordnance Plant and an industrial section, with the entire installation designated as the RVAAP.

In May 1968, RVAAP began loading, assembling, and packing munitions on three load lines (LLs) and two component lines in support of the Southeast Asia conflict. These facilities were deactivated in August 1972. The demilitarization of M71A1 90-millimeter (mm) projectiles extended from June 1973 until March 1974. Demilitarization of various munitions was conducted from October 1982 through 1992.

Until 1993, RVAAP maintained the capability to load, assemble, and pack military ammunition. As part of the RVAAP mission, the inactive facilities were maintained in a standby status by keeping equipment in a condition to permit resumption of production within prescribed limitations. In September 1993, the RVAAP was placed in inactive caretaker status, and subsequently changed to modified caretaker status. The LLs and associated real estate were determined to be excess by the Army.

A total of 20,403 acres of the former 21,683 acre RVAAP was transferred to the United States Property and Fiscal Officer (USP&FO) for Ohio for use by OHARNG as a military training site. The current RVAAP consists of 1,280 acres in several distinct parcels scattered throughout Camp Ravenna. The RVAAP and Camp Ravenna are co-located on contiguous parcels of property.

2.2 Rocket Ridge Site Description

The Rocket Ridge area is a step escarpment approximately 90ft long and 25-feet high located adjacent to Sand Creek within the Open Demolition Area #2 (ODA2) (Army Environmental Database Restoration Number RVAAP-004-R-01). Figure 2 in Appendix J illustrates the location of Rocket Ridge within the RVAAP. Figure 3 in Appendix J illustrates the location of Rocket Ridge at ODA2.

The Rocket Ridge slope was likely used for the disposal of demilitarized munitions, although not all munitions appear to have been completely demilitarized. Munitions-related items that could be identified in June 2007 by PIKA International (PIKA), RVAAP's Unexploded Ordnance (UXO) subcontractor, included 75-millimeter and 105-millimeter projectiles, booster cups, three 500-pound bombs, white phosphorus rifle grenades, fuzes and burster tubes. It appears that the munitions were transported from the demolition site to the Rocket Ridge Area of ODA2 and dumped at the top of the slope. Sand Creek flows in an eastward direction along the northern boundary of Rocket Ridge, at the toe of the slope. Due to the steep slope of the disposal area and the stream bank erosion resulting from high water events, some of the munitions materials have been deposited into Sand Creek. On 18 June 2007, a rifle grenade containing white phosphorus functioned as designed on the slope of the Rocket Ridge Area of ODA2. The Incident Report attributed the cause of the explosion to a corroded white phosphorus grenade that might have been overturned by an animal, which exposed the white phosphorus to air, resulting in its auto-igniting, which heated the grenade until the internal burster exploded. No injuries resulted from the incident.

2.3 Progress to Date

The rifle grenade event indicated the need for a response action at Rocket Ridge with installation of the Sand Creek Barriers being the first step or interim measure in the response action.

The Army constructed the Sand Creek barriers to prevent the downstream movement of munitions and explosives of concern (MEC) within Sand Creek. The system consists of two steel wire screen barriers installed across Sand Creek approximately 2,700 feet downstream of Rocket Ridge and 40 feet upstream of George Road Bridge. The barrier location is downstream of the farthest visible piece of munitions-related material that may have migrated from Rocket Ridge. A survey conducted on 5-6 November 2007

upstream of the George Road Bridge identified a piece of munitions debris (MD) approximately 1,200 feet downstream of Rocket Ridge. Thirteen additional magnetometer anomalies from buried sources were found in the stream between the piece of MD and the location of the barrier system. The sources of these subsurface anomalies have not been investigated.

2.3.1 Future Action

A Time Critical Response Action (TCRA) is currently being implemented for the area of Open Demolition Area #2, known as Rocket Ridge. The objective of this project is to mitigate or abate potential explosives hazards, investigate the approximate nature, extent and volume of the Munitions and Explosives of Concern (MEC) and Munitions Debris (MD) and to prepare a Removal Action Report (RAR) that will describe the action taken to remove any potential explosives hazard and detail site specific findings relative to nature and extent of the munitions related contamination to aid in scoping future removal actions at Rocket Ridge.

Specific tasks of the Rocket Ridge Project include the following:

Task 1 – Coordinate Public Affairs and community relations support for the project.

Task 2 - Prepare and submit Project Management Plan, Project Work Plan, Site Specific Safety and Health Plan, Quality Assurance Project Plan, and Explosives Safety Submission.

Task 3 – Improve the access road into the site to facilitate the field activities and future removal operations.

Task 4- Removal of site vegetation as needed to facilitate field activities.

Task 5 – Determine if any of the 3 total 500 lb bombs observed at the site are fuzed and/or unacceptable to move.

If the bombs are un-fuzed and safe to move, remove the items and place in RVAAP designated storage igloo.

If the bombs are unacceptable to move, provide recommendations on how to address the munitions; including planning and implementation of the USACE Public Involvement Program to ensure open, two-way dialogue between the community and the USACE specific to this task, as needed.

Task 6 – Remove one fuzed 105-mm projectile observed at the site using Blow-in-Place operations and sandbag mitigation techniques to defeat resultant fragmentation and minimize impact to the site.

Task 7 – Conduct instrument assisted density survey to determine the site boundaries and the extent of munitions related contamination.

Task 8 – Prepare a Removal Action Report.

The USACE, Louisville District is the lead agency responsible for the completion of the Rocket Ridge Project. The USACE selected PIKA International, Inc. (PIKA) as the contractor to implement this project and will coordinate with the Ohio Environmental Protection Agency (Ohio EPA) during the implementation of this project. Rocket Ridge field activities are currently scheduled to begin in the summer or early fall 2009. The actual start date will be contingent on approval of the project work plans by all stakeholders.

2.4 Installation Restoration Program History

The Installation Restoration Program is a congressionally authorized Department of Defense (DoD) program which began in 1984 for identification, investigation and remediation of past DoD waste releases at its installations in the United States. The DoD funds and manages the Installation Restoration Program and has delegated local management and implementation of remediation activities.

The Army's cleanup program under the Defense Environmental Restoration Program (DERP) is the Installation Restoration Program (IRP). The overall program goal of the IRP is to clean up previously contaminated lands to an acceptable level of risk on active Army installations as resources and mission requirements allow, with primary emphasis on those areas that may impact human health and the environment.

The Installation Restoration Program is similar to the U.S. Environmental Protection Agency's Superfund Program. The program fulfills the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Superfund Amendments and Reauthorization Act (SARA). The Superfund Amendments and Reauthorization Act (SARA), enacted in 1986, amended CERCLA to require public involvement at certain stages of the environmental investigation. See chart below.

Community Relations Responsibilities for CERCLA process

Community Relations Activities	REMEDIAL RESPONSE PHASES									
	PA	SI	ASR	Pre-Remedial Investigation	RI	FS	Proposed Plan	Pre-Record of Decision	ROD	Remedial Design, Remedial Action, and O&M
Contact State/Local Officials	D	R	R		R	R			D	D
News Release	D	D	D		D	D	D			D
Workshops		D	D		D	D				
Community Interviews				D	D					
Community Relations Plan		R	R	R	R	R	R	R	R	R
Determine need for Restoration Advisory Board (RAB)					R					
Initiate and Maintain the Admin Record	R	R	R	R	R	R	R	R	R	D
Establish Information Repository and Inform Public		R	R	R	R	R	R	R	R	
Publicize Technical Assistance Opportunities				R						
Fact Sheets	D	D	D	D	D	D	R			R
Public Notice			R		R		R		R	
Public Meeting			D				R			
Public Comment Period (30-60 days)			R				R			
Responsiveness Summary			R					R		
Revise Proposed Plan (1)								R		
Second Comment Period (30-60 days) (1)								R		
Revise Community Relations Plan				R	R	R	R	R	R	R

Chart from *Public Participation in the DERP-FUDS Program, Engineer Pamphlet, 1110-3-8, Dec 1999.*

D = Desirable R = Required

PA= Preliminary Assessment SI= Site Inspection
RI=Remedial Investigation FS= Feasibility Study
Plan=Recommended Cleanup Alternative

ASR= Archive Search Report
ROD= Record of Decision Proposed
O&M= Operation and Maintenance

3.0 COMMUNITY BACKGROUND

3.1 Community Profile

In 1808, Portage County, Ohio was organized from Trumbull County. Today, the 492.4 square miles that make up Portage County has a population of 152,061 according to the US Census Bureau in 2000. Portage County is located in northeast Ohio, a forty-five minute drive south of Cleveland, Ohio. The RVAAP opened in 1940, covering 21,419 acres of land surrounded by Ravenna, Charlestown, Paris, Newton Falls, Freedom, Windham and Braceville Townships. The facility provided much needed jobs to Portage and Trumbull counties. It supplied immeasurable munitions to the U.S. troops abroad during WWII. The community witnessed an industrial boom with founding companies such as the Enduro Rubber, Duracote and Allen Aircraft.

Today, Portage County employment has shifted from manufacturing jobs to 68.1 percent service and other jobs. The unemployment statistics show the unemployment rate for Portage at 10.4 percent which is 0.2 percent higher than the 10.2 percent for the State of Ohio. The percentage of Caucasians is 93.2 percent with African Americans making up 4.1 percent and American Indians, Alaska Natives and others making up the remaining 2.7 percent. The majority of Portage County, Ohio residents (71.3 percent) own their own home.

The median household income based on 2007 estimate is \$50,629 with 2.56 persons per household. Only 10.8 percent of the population in Portage County is living below the poverty level.

3.2 History of Community Involvement

Environmental concerns expressed by residents include potential increase in cancer rates, the area wildlife and whether all contamination risks have been identified, which may determine the course of cleanup.

In 1996, a survey was mailed and articles appeared in the local newspapers to solicit interest in forming a Restoration Advisory Board (RAB). A selection committee reviewed the applications and chose the new RAB members. The RVAAP Restoration Advisory Board was established with 25 members consisting of community members and appointed representatives. The RAB has a representative from each of the

surrounding six townships (Braceville, Newton Falls, Paris, Charlestown, Freedom and Windham), two county representatives (Trumbull and Portage), a representative of the Ohio EPA, and the Army installation facility manager who serves as Co-Chair. The RAB held its first meeting on November 13, 1996 and has had 56 meetings as of May 2009. The next RAB meeting is scheduled for July 15, 2009

The purpose of the RAB is to promote community involvement in the Department of Defense environmental cleanup activities and allow the public to review and discuss the progress with decision makers. The RAB rotates its quarterly meetings between the township halls located in Paris, Freedom, Windham and Charlestown. Meetings are usually held the third Wednesday of the month from 6 p.m. to 8 p.m. and a news release announcing the meeting is sent to the local media. The public is invited to attend the RAB meetings which are structured to include presentations and questions and answers. The meetings are recorded and minutes prepared and approved by the board. These are available for review in the Information Repositories located at Reed Memorial Library and Newton Falls Public Library.

Technical Assistance for Public Participation (TAPP) in Defense Environmental Restoration Activities was established to assist RABs in reviewing technical documents. This assistance, enhances the RAB's understanding of the environmental process, and provides an outside independent source of information on the Department of Defense restoration activities. The RVAAP was deemed eligible for funding for a TAPP provider; and Creative Solutions was selected. Currently, the TAPP contractor is URS.

To continue to keep the RAB and the media aware of the environmental activities, tours of specific areas of concern have usually been held in July or August. The first tour was held in October 1996. Subsequent tours have been held in 1999 for Erie Burning Ground, in 2000 for Winklepeck Burning Grounds, Demolition Area #2, and Load Line 12, 2001 for Cobbs Pond, Central Burn Pits, and Load Line #11. In 2002, the media and RAB toured Load Line #6, Load Line #2 and were able to view various ordnance that were produced at RVAAP that are inert, or had been detonated or burned. In 2004, the media and RAB toured Fuze and Booster Quarry Ponds, Fuze and Booster Load Lines for Open Burning, Winklepeck Burning Grounds UXO Clearance site, and the Melt Pour Load Lines 2, 3, and 4 being prepped for demolition operations. In 2005, the media and RAB toured Load Lines 2, 3, and 4 and Winklepeck Burning Grounds. In 2006, the media and RAB toured Load Lines 2 and 3

and Winklepeck Burning Grounds. In 2007, the media and RAB toured Load Lines 1, 2, 3 and 4 and Winklepeck Burning Grounds. In 2008, the media and RAB toured Load Line 4, Central Burn Pits, Winklepeck Burning Grounds Removal Action sites along Lane 1 and the Sand Creek Barriers. The next RAB tour is currently scheduled for September 15, 2009. Overall, the tours received positive media coverage and enabled the RAB members to voice their approval of the environmental progress being at RVAAP.

3.3 Key Community Concerns

The most recent RAB meeting was conducted on May 20, 2009 at the Freedom Township Hall located at 9355 Newton falls Road in Ravenna, Ohio. A total of three topics were discussed, one being the introduction of the upcoming Rocket Ridge TCRA Phase I Project. A copy of the May 20, 2009 RAB Agenda and roster of attendees is provided in Appendix K.

The introduction to the Rocket Ridge TCRA Phase I Project was presented by the prime contractor PIKA International, Inc. (PIKA). The presentation included a site description, site history; including site photos and an overview of the scope of work as summarized in Section 2.3.1.

In Order to facilitate two-way communications between the community and the Corps' project delivery team, both the RAB members and general public were given the opportunity to ask questions about the Rocket Ridge TCRA Phase I at the conclusion of the presentation. Each question was answered by one or a combination of the Corps' project delivery team.

There were a approximately 23 questions fielded following the presentation. The key community concerns expressed during the question and answer session include:

- Worker safety during the project.
- The possibility of a white phosphorus grenade explosion setting off other munition items.
- Potential extent of blast effects of the 500lb bombs if detonation occurred.
- The possibility for more bombs and munitions to be buried at the site.
- The possibility of igniting other munitions during the SI activities.

- Affect Rocket Ridge has on Sand Creek.
- Initial Army response time to addressing the site.

3.4 Response to Community Concerns

The Corps of Engineers responded to the community concerns expressed in the May 20, 2009 RAB meeting for the Rocket Ridge TCRA Phase I by the developing and implementing the PIP Addendum for the Rocket Ridge TCRA Phase I. The PIP Addendum outlines the strategy to prepare the community for its' role in the TCRA Phase I process. The strategy being implemented includes the following:

- **Community meetings** – community meetings will be held to provide an open forum for information exchange among the Corps of Engineers, other agencies, the media, and the public.
- **Media relations** – the Corps of Engineers has established a proactive relationship with local media to ensure that accurate and expanded coverage of the RVAAP activities was disseminated.
- **Information repository and administrative record file** – information repositories have been established for the RVAAP.
- **Fact sheets and newsletters** – as needed, the Corps of Engineers will develop simple, clear explanations of findings in the form of fact sheets and newsletters to address the concerns expressed by the community.
- **Information contact** – point of contact for the USACE (Todd Hornback, telephone number - 502.315.6768) was provided for all public inquiries related to Environmental Restoration Program activities at RVAAP.
- **Toll-free number** – a toll free telephone number (800.527.4636) was established to provide stakeholder's access to the Corps and its representatives.
- **Web site** – the USACE provided summary information and updates on RVAAP on the Web site:<http://www.rvaap.org/>

- **News releases and press conferences** – the local media was briefed at the outset of the work and media releases will be prepared to update media throughout the project.
- **FAQ brochure** – a frequently asked questions brochure will be used to keep stakeholders up-to-date and well informed on the key issues and questions.
- **Paid advertising** – display advertisements will be placed in key local media outlets to promote community meetings.

4.0 USACE's PUBLIC INVOLVEMENT PROGRAM

The USACE Louisville District will be honest, forthright, responsive, clear and proactive in their communications. They will promote and maintain a two-way dialogue between the community and the USACE. Inviting open and honest communications with the community enables the project delivery team to understand and address stakeholder concerns the project and possible remediation with specific attention to health, safety, and environmental issues.

The target audiences for this plan include:

- Stakeholders comprised of members of the general public who express an interest in this site
- Elected Officials
- Interest Groups
- Landowner
- Media

The USACE Louisville District will implement the community activities that are discussed in section 3.5.1. This PIP Addendum is based on community questions and concerns described in section 3 and addresses each issue that was identified as being important to the community. Contact information for officials is provided in Appendices A through E.

4.1 PUBLIC INVOLVEMENT PLAN ADDENDUM

The USACE Louisville District will continue the public information program that is outlined in the RVAAP September 2003 Community Relations Plan. The program includes community meetings, continuing the proactive communications program with the local and regional media, and providing the community with multiple access points to obtain information on the Rocket Ridge TCRA Phase I.

4.1.1 Community Meetings

Community meetings provide an open forum for information exchange among the Corps of Engineers, other agencies, the media, and the public. These meetings are used to inform area residents of the studies' results and provide a forum for community

members to ask questions or offer comments and suggestions on our findings. Community meetings will be held to update the community on the progress of the RVAAP Rocket Ridge TCRA Phase I. Notices will be provided to the public in the form of news releases and direct mailings, as required to inform the public of the scheduled time and location of these community meetings. Meeting location information is provided in Appendix G.

4.1.2 Media Relations

The Corps of Engineers will continue the established media program. Project goals for the media program are:

- Inform and educate the local and regional media about the historical and current Rocket Ridge Phase I site activities and why these proposed activities are required;
- Offer a tour of the site to the media and other interested stakeholders and show and explain to them the challenges associated with the RVAAP project; and
- Keep the media updated and informed about changes in activities and decisions concerning the project.

The media contact list is provided in Appendix F.

4.1.3 Communication Techniques and Actions

The Corps of Engineers will continue to make information on the Rocket Ridge TCRA Phase I available to the public through a variety of channels, including:

- Information repository – locations are provided in Appendix H.
- USACE information contact – USACE contact information provided in Appendix A.
- Web site – USACE Louisville District <http://www.lrl.usace.army.mil>.
- Information releases – fact sheets, newsletters, news releases and press conferences will be used to provide information to the public.
- Paid advertising will be used to notify the community of upcoming events.

4.2 PROJECTED SCHEDULE FOR PUBLIC INVOLVEMENT ACTIVITIES

To meet the information desires of the community and to allow RVAAP area residents to participate in the decision-making process, the U.S. Army Corps of Engineers may schedule community relations activities throughout the Rocket Ridge TCRA Phase I process. These activities comply with the community involvement requirements of the National Contingency Plan and the CERCLA.

APPENDIX A
USACE/REGULATORY CONTACTS/RVAAP/OHIO ARMY NATIONAL
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Camp Ravenna Garrison Commander
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APPENDIX B LOCAL OFFICIALS

Portage County Officials

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Ravenna, Ohio 44266-1217
Phone: (330) 297-3600
Fax: (330) 297-3610

County Commissioners

Chuck Keiper, President
Maureen Frederick, Vice-President
Christopher Smeiles, Board Member

Ravenna City Officials

City of Ravenna
210 Parkway
P.O. Box 1215
Ravenna, OH 44266
(330) 296-3864
www.ravenna-oh.com

Mayor Kevin Poland
210 Park Way
Ravenna, OH 44266
330-296-3864
(330) 297-2164 Fax

City Council Members	Phone Number	Email Address
Fran Ricciardi, Council President	(330) 297-9035	fricciardi@ci.ravenna.oh.us
Kevin Poland, Mayor	(330)-296-3864	kpoland@ci.ravenna.oh.us
Bruce Ribelin, At Large	(330) 296-3397	bribelin@ci.ravenna.oh.us
Joseph Bica, At Large	(330) 297-0204	jbica@ci.ravenna.oh.us
Gene Brown, At Large	(330) 297-1995	gbrown@ci.ravenna.oh.us

Steve Bailey, Ward 1	(330) 296-5219	sbailey@ci.ravenna.oh.us
Frank Seman, Ward II	(330) 296-9222	fseman@ci.ravenna.oh.us
Jack Ferguson, Ward III	(330) 297-7320	jferguson@ci.ravenna.oh.us
Scott Rainone, Ward IV	(330) 297-1821	srainone@ci.ravenna.oh.us
Kathryn Hann, Council Clerk		khan@ci.ravenna.oh.us

City of Ravenna Health Commissioner

Lynette Blasiman
(330) 297-2163
lblasiman@ci.ravenna.oh.us

APPENDIX C STATE OFFICIALS

State Legislators	
<p>Senator Tom Sawyer, D-Ohio 28th Senate Building Room #049 Ground Floor Columbus, OH 43215 Office: (614) 466-7041 Email: senatorsawyer@maild.sen.state.oh.us</p>	
<p>Representative Stephen Dyer D-43rd 77 S. High St 12th Floor Columbus, OH 43215-6111 Tel: (614) 466-1790 Fax: (614) 719-6943 Email: district43@ohr.state.oh.us</p>	
<p>Representative Kathleen Chandler D-68th 77 S. High St 11th Floor Columbus, OH 43215-6111 Phone: (614) 466-2004 Fax: (614) 719-3968 Email: district68@ohr.state.oh.us</p>	

**APPENDIX D
FEDERAL ELECTED OFFICIALS**

Federal Legislators and Ohio Governor	
<p>Governor Ted Strickland Riffe Center, 30th Floor 77 South High Street Columbus, OH 43215-6108 Office: (614) 466-3555 Fax: (614) 466-9354 Email: www.governor.ohio.gov</p>	<p>Rep. Steven C. LaTourette, R-14th 2453 Rayburn House Office Bldg. Washington, DC 20515 Office: (202) 225-5731</p>
<p>Senator George Voinovich, R-Ohio 37 W. Broad St, Rm 310 Columbus, OH 43215 Office: (614) 469-6697 Email: Voinovich@senate.gov</p>	<p>Representative Tim Ryan, D-17th 222 Cannon Office Building Washington, DC 20515 Phone: (202) 225-5261 Fax: (202) 225-3719</p>
<p>Senator Sherrod Brown 200 N High St. Room 614 Columbus, OH 43215 p (614) 469-2083 f (614) 469-2171 Toll Free 1-888-896-OHIO (6446)</p>	

APPENDIX E RAB MEMBERS

The following individuals comprise our RAB Members list.

Dr. Jay Abercrombie 2321 Bixler Dr. Suffield, Ohio 44260	Ms. Sue Boles 8800 Cable line Rd. Ravenna, Ohio 44266
Ms. Rebecca Carter 132 Laubert Rd. P.O. Box 427 Randolph, Ohio 44265	Mr. James DiPaola 3201 Summit Rd. Ravenna, Ohio 44266
Mr. Walter Landor 204 S. Aspen Ct., Unit 1 Warren, OH 44484	Ms. Sarah Lock 9786 Min-Young Rd. Ravenna, Ohio 44266
Ms. Irene Glavies-Lutz 5488 Liberty Ave. Newton Falls, Ohio 44444	Mr. James Mayer P.O. Box 14 8363 Center Street Garrettsville, Ohio 44231
Ms. Nina Miller 789 State Route 534, SW Newton Falls, Ohio 44444	Mr. Richard Poots 10232 Hopkins Rd. Garrettsville, Ohio 44231
Mr. Thomas Smith 5975 McClintocksburg Rd. Ravenna, Ohio 44266	Mr. Dan Spicer 6180 State Rt. 225 Ravenna, Ohio 44266
Mr. Bill Steiner 2581 Hartville Rd. Rootstown, Ohio 44272	Ms. Nancy Taylor 5761 State Route 225 Ravenna, Ohio 44266
Mr. George Tompkins 8940 Creamery St. Wayland, Ohio 44285	Mr. Delbert Woloski 2422 Ridgewood Newton Falls, Ohio 44444
MUNICIPALITIES:	
Mr. Mark Patterson RVAAP Facility Manager 8451 State Route 5, Bldg. 1037 Ravenna, OH 44266"	Mr. Joseph Beutler Charleston Township Representative 5950 Knapp Rd. Ravenna, Ohio 44266
Mr. Howard Furl Windham Township 9450 Bryant Rd. Windham, Ohio 44288	Mr. JJ Leet Freedom Township 9386 Limeridge Rd. Mantua, Ohio 44255
Ms. Eileen Mohr Ohio EPA	Mr. Jonathon Millea Trumbull County Commissioner Rep.

2110 East Aurora Rd. Twinsburg, Ohio 44087	347 North Park Ave. Warren, Ohio 44481
Mr. Jon Barber Portage County Commissioner Representative Office of Homeland Security & Emergency Mgmt. Agency 8240 Infirmary Rd. Ravenna, Ohio 44266	Ms. Dorene Spicer Paris Township Trustee 6180 State Rt. 225 Ravenna, Ohio 44266
Mr. Thomas Tadsen, Retired OHARNG LTC Community Co-Chairman 7657 West Lake Blvd. Kent, Ohio 44240-6342	
Non- Member	
RVAAP RAB Administrator Christy Esler 8451 State Route 5, Bldg. 1038 Ravenna, Ohio 44266	
Updated: January 2009	

PUBLIC MAILING LIST

The following individuals, agencies and organizations comprise our mailing list. These individuals and organizations, will receive information, as it becomes available on environmental restoration activities at RVAAP.

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APPENDIX F MEDIA CONTACTS

Television Stations

WEWS TV ABC News Channel 5

44 E Exchange St
Akron, OH 44328
(330) 434-0616
(216) 431-3666 fax

WVPX 23 TV

1 S Main Street
Akron, OH 44308
(330) 434-2323

WVIZ PBS Ideastream

Idea Center @ Playhouse Square
1375 Euclid Avenue
Cleveland OH 44115-1835
(216) 961-6100

WEAO TV Channel 49

1750 Campus Center Dr
Kent, OH 44240
(330) 677-4549
(330) 678-0688 fax
<http://www.ch4549.org/>

WBNX – WB

2690 State Rd
Cuyahoga Falls, OH 44223
(440) 843-5555
(330) 929-2410 fax

WOIO- CBS

1717 E 12th Street
Cleveland, OH 44114
(216) 771-1943
(216) 436-5460 fax

WYTV – ABC

3930 Sunset Blvd
Youngstown, OH 44512
Station: (330) 783-2930
Fax: (330) 782-5261

WKYC- NBC

1333 Lakeside Ave
Cleveland, OH 44114
(216) 344-3333
(216) 344-3326 fax

WKBN - FOX

3930 Sunset Blvd.
Youngstown, OH 44512
Station: (330) 782-1144
Fax: (330) 782-5261

Radio Stations

WJMP 1520 AM

2449 State Route 59
Ravenna, OH 44266
Station: (330) 678-1520

WAPS 91.3 - Quality Rock

Public Radio
65 Steiner Avenue
Akron, OH 44301
Office: 330-761-3099
Studio: 330-761-9277
Fax: (330) 761-3

WNIR – 100 – Talk

P.O. Box 2170
Akron, OH 44309
Station: (330) 673-2323
Fax: (330) 673-0301

Clear Channel Radio

6200 Oak Tree Blvd
Independence, OH 44131
News: (216) 520-2600
Newsroom Fax: (216) 901 8133

Newspapers

Youngstown Publishing Co

PO Box 714
Youngstown, OH 44501
(330) 744-5023
(330) 744-5838 fax
<http://www.business-journal.com/>

Tribune Chronicle

240 Franklin St SE
Warren, OH 4448
(330) 841-1600
(330) 841-1717 Newsroom fax
<http://www.tribunechronicle.com/>

Record-Courier

126 N Chestnut St
Ravenna, OH 44266
(330) 296-9657
(330) 296-2698 fax
<http://www.recordpub.com/>

The Vindicator

135 Pine Ave SE # 208
Warren, OH 44481
(330) 392-0176
(330) 747-6712 Newsroom fax
<http://www.vindy.com/>

Associated Press

815 Superior Ave E
Suite 1203
Cleveland, OH 44114-2768
(216) 771-2172

(216) 771-4218 fax

Akron Legal News Inc

60 S Summit Street

Akron, OH 44308

(330) 376-0917

(330) 376-7001 fax

Akron Beacon Journal

44 E Exchange St

Akron, OH 44308

(330) 996-3600

(330) 376-9235 fax

<http://www.ohio.com/bj/>

APPENDIX G MEETING LOCATIONS

The Restoration Advisory Board meetings are rotated every quarter to one of four area Township Halls. The meetings are usually held in March, June, September and November with a tour of a specific area of concern of RVAAP scheduled in July or August. The RAB meets from 6:00 p.m. to 7:40 p.m.

Paris Township

Shearer Community Center
9355 Newton Falls Road
Ravenna, OH 44266
Office: (330) 358-2600
Linda Shaulis, Fiscal Officer

Freedom Township Hall

Town Hall-Triangle of Routes 700, 303 & 88
Windham, OH 44288
Office: (330) 297-1709
Fax: (330) 676-6758
Rosemary Nicholas, Fiscal Officer

Windham Town Hall

9011 North Main Street
Windham, OH 44288
Office: (330) 326-2971
Jayme Neikirk, Clerk

Charlestown Town Hall

6735 Rock Spring Road
Ravenna, OH 44266
Office (330) 296-2018
Ruth Craft, Fiscal Officer

APPENDIX H REPOSITORY LOCATIONS

Information Repository and Administrative Record File

Current information and final documents are placed in the Information Repository and maintained by the RVAAP Facilities Manager. An **Information Repository** has been established at the following locations:

Reed Memorial Library
167 East Main St
Ravenna, OH 44266
(330) 296-2827
Hours: Mon-Fri 10am-9pm
Sat 10am-6pm

Newton Falls Public Library
204 South Canals
Newton Falls, OH 44444
(330) 872-1282
Hours: Mon-Thurs 9am-8pm
Fri-Sat 9am-5pm

The **Administrative Record File** is established and maintained by the RVAAP Facilities Manager and is located at:

RVAAP
Building 1037 Conference Room
8451 St. Route 5
Ravenna, Ohio 44266-9297
(330) 358-7311

Since the Administrative Record File is located at the installation, access is restricted, but can be obtained with prior notice.

APPENDIX I GLOSSARY

Archive Search Report: A detailed investigation to report on past munitions and explosives of concern (MEC) activities conducted on an installation; includes an MEC-specific project inspection and historical records searches.

Comment Period: A period, usually 30 days, when members of the public review and comment on specific documents or proposed actions.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA): A federal law enacted by Congress in 1980 and modified in 1986 by the Superfund Amendments and Reauthorization Act (SARA).

Decision Document: A formal published record of a significant decision made regarding an Environmental Restoration Program site. Decision Documents are prepared when a site requires no further action or when a site remediation method has been selected.

Engineering Evaluation/Cost Analysis (EE/CA): A comparative analysis of removal action options for an Environmental Restoration Program site.

Environmental Restoration Program (ERP): A Comprehensive Environmental Response, Compensation and Liability Act environmental cleanup program. It was established to identify, assess, investigate and clean up substances at past disposal and spill sites.

Focused Feasibility Study: The Focused Feasibility Study is used to select the most appropriate remedial alternative for a site, to prepare cost estimates, and to initiate the remedial design. When circumstances limit the number of available options, and therefore the number of available alternatives developed, a Focused Feasibility Study, focusing on two or three alternatives, may be applicable.

Formerly Used Defense Sites Program (FUDS): The U.S. Army Corps of Engineers is the executing agent for environmental restoration and clean up of former Department of Defense properties.

Groundwater: Water beneath the earth's surface, found in soil, sand, and other porous substances. Groundwater may be pumped to the surface and used as a source of drinking water or for irrigation.

Hazardous, Toxic, and Radioactive Waste (HTRW) Projects: Projects at sites with hazardous, toxic, or radioactive contamination.

Hydrogeologic Study: The study of the geology of groundwater, with particular emphasis on the chemistry and movement of water.

Information Repository: A place where current information, technical reports, and reference documents concerning a U.S. Army Corps of Engineers Environmental Restoration Program site are stored. The Information Repository is usually in a public library near the site and is available for public access and review.

Monitoring Well: A well used to collect groundwater samples for water quality analysis or to measure groundwater levels.

Munitions and Explosives of Concern (MEC): This term, which distinguishes specific categories of military munitions that may pose unique explosives safety risks means: (A) Unexploded ordnance (UXO), as defined in 10 U.S.C. 101(e)(5)(A) through (C); Discarded military munitions (DMM), as defined in 10 U.S.C. 2710 (e)(2); or (C) Munitions constituents (e.g., TNT, RDX) as defined in 10 U.S.C. 2710 (e)(3), present in high enough concentrations to pose an explosive hazard.

Operation and Maintenance: Activities conducted after a Superfund site action is completed to ensure that the action is effective.

National Contingency Plan (NCP): The federal regulation that guides determination of the sites to be corrected under both the Superfund program and the program to prevent or control spills into the surface waters or elsewhere.

Potentially Responsible Party (PRP): Any individual or company – including owners, operators, transporters, or generators – potentially responsible for, or contributing to a spill or other contamination at a Superfund site. Whenever possible, through administrative and legal actions, EPA requires PRPs to clean up hazardous sites they have contaminated.

Preliminary Assessment (PA): The first phase of the U.S. Army Corps of Engineers' Environmental Restoration Program. It consisted primarily of past and present Ravenna Army Ammunition Plant employee interviews and a thorough review of operational and historic records of the site. This draft preliminary assessment evaluated areas of potential concern that may need further investigation.

Record of Decision (ROD): A public document that explains which cleanup alternative(s) will be used at National Priorities List sites where, under CERCLA, Trust Funds pay for the cleanup.

Remedial Action (RA): The actual construction or implementation of the remedy selected to contain, control, or remediate an identified site. This action follows the Remedial Design phase of the Environmental Restoration Program.

Remedial Design (RD): The development of technical specifications and engineering design necessary to carry out a Remedial Action.

Remedial Investigation/Feasibility Study (RI/FS): Investigation and analytical studies conducted at an Environmental Restoration Program site. The investigation and study fully define the type and extent of the environmental impacts, establish criteria for remediating the site, identify and screen potential alternative remedies, and analyze the technologies and costs related to each potential alternative remedy.

Resource Conservation and Recovery Act (RCRA): This law establishes a framework to achieve environmentally sound management of both hazardous and non-hazardous wastes. RCRA also promotes resource recovery (recycling) techniques and methods to reduce the generation of hazardous waste.

Site Inspection (SI): The second phase of the Environmental Restoration Program. A Site Inspection begins if the Preliminary Assessment suggests the existence of environmental impacts at a particular site. This second phase involves on-scene inspection and sampling of soil, surface water, and groundwater. The samples are analyzed to confirm the presence or absence of environmental impacts.

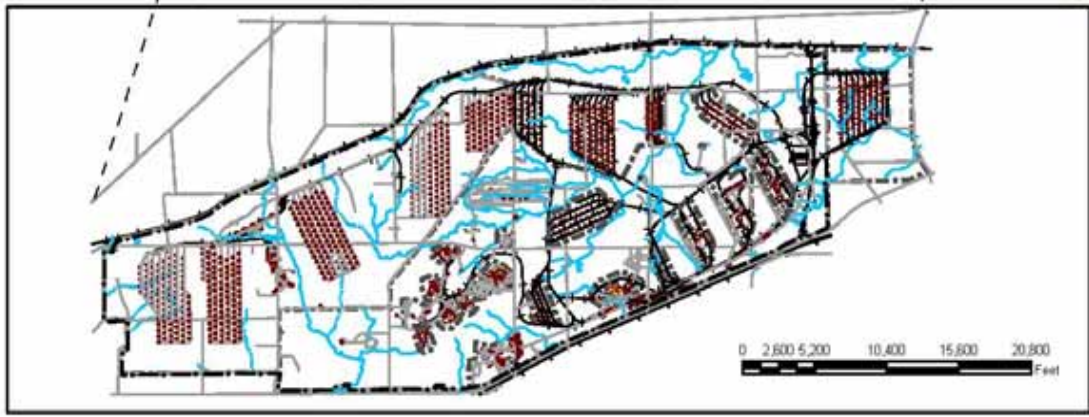
Superfund Amendments and Reauthorization Act (SARA): A federal law enacted by Congress in 1986. The Superfund Amendments and Reauthorization Act amended the Comprehensive Environmental Response, Compensation and Liability Act of 1980. This Act sets cleanup standards that strongly favor permanent remedies, gives the Environmental Protection Agency more control over cleanup procedures and provides an opportunity for the State EPA and the community to comment on the recommended cleanup alternative. This Act sets health and safety standards for workers at cleanup sites.

Surface Water: Ground-level bodies of water, such as rivers, lakes and streams.

U.S. Environmental Protection Agency (USEPA): The primary federal agency responsible for enforcement of federal laws protecting the environment.

APPENDIX J LOCATION MAPS

- Figure 1: General Location and Orientation of RVAAP**
- Figure 2: Location of Rocket Ridge within RVAAP**
- Figure 3: Location of Rocket Ridge at ODA2**



PIKA
INTERNATIONAL, INC.
12723 CAPRICORN DR., STE #500
STAFFORD, TX 77477

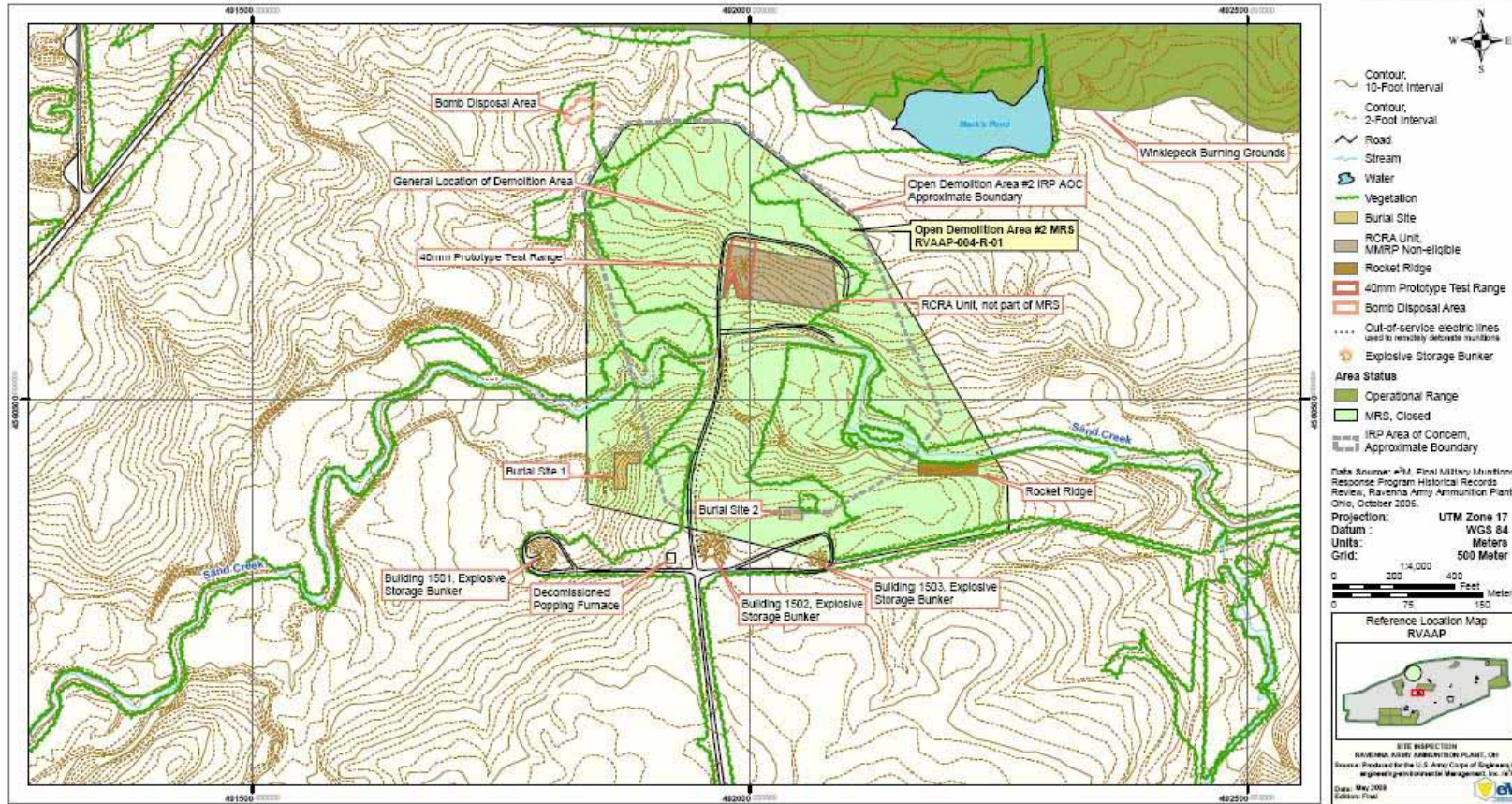
Ravenna Army Ammunition Plant
Ravenna, OH

FIGURE 1 - GENERAL LOCATION AND ORIENTATION OF RAVAP

Drawn On: 10/30/2007 Drawn By: QX Reviewed By: SAK

Figure 3 – Location of Munitions Response Site within Open Demolition Area 2 (ODA2) Ravenna Army Ammunition Plant Ravenna, OH

PIKA
INTERNATIONAL, INC.



APPENDIX K
May 2009 RAB Agenda and List of Attendees

RAVENNA ARMY AMMUNITION PLANT RESTORATION ADVISORY BOARD

The next Ravenna Army Ammunition Plant (RVAAP) Restoration Advisory Board (RAB) meeting is scheduled as follows:

DATE: Wednesday – May 20, 2009

TIME: 6:00 P.M. – 7:40 P.M.

PLACE: Paris Township, (located on the NW corner at the intersection of Newton Falls Road and State Route 225).

MEETING AGENDA

- | | |
|--------------------|--|
| 6:00 | Call to order, Tom Tadsen- RAB Community Co-chair |
| 6:00 – 6:10 | Reading and approval of minutes from last meeting.
Taking of attendance. |
| 6:10 – 6:45 | RAB General Business |
| 6:45 – 7:00 | Technical Assistance for Public Participation (TAPP) |
| 7:00 – 7:10 | Winklepeck Burning Grounds Project Update,
Brian Stockwell PIKA International |
| 7:10 – 7:30 | Rocket Ridge, Phase I Investigation
Brian Stockwell, PIKA International |
| 7:30 – 7:40 | Scheduling of next meeting |
| 7:40 | Adjourn |

Meeting dates, times, and locations will also be announced in local newspapers and on rvaap.org. Please call Ms. Christy Esler, RAB Administrator, at (330) 358-7311 or Mr. Mark Patterson, U.S. Army Co-Chairman at (330) 358-7312 if you have any questions concerning this meeting. The meeting is open to the public.

Ravenna Army Ammunition Plant Restoration Advisory Board Member Sign In Sheet


May 20, 2009

	RAB Members	Signature
1	Dr. Jay Abercrombie	<i>Jay Abercrombie</i>
2	Ms. Sue Boles	<i>Sue Boles</i>
3	Ms. Rebecca Carter	<i>Rebecca Carter</i>
4	Mr. James DiPaola	<i>James DiPaola</i>
5	Mr. Walter Landor	<i>Walter Landor</i>
6	Ms. Sarah Lock	<i>Sarah Lock</i>
7	Ms. Irene Glavies-Lutz	Excused
8	Mr. James Mayer	<i>James Mayer</i>
9	Ms. Nina Miller	Excused
10	Mr. Richard Poots	Excused
11	Mr. Thomas Smith	<i>Tom Smith</i>
12	Mr. Dan Spicer	<i>Dan Spicer</i>
13	Mr. Bill Steiner	<i>Bill Steiner</i>
14	Ms. Nancy Taylor	<i>Nancy Taylor</i>
15	Mr. George Tompkins	<i>George Tompkins</i>
16	Mr. Delbert Woloski	Excused
	Municipalities	
17	Mr. Mark Patterson	<i>Mark Patterson/ce</i>
18	Mr. Joe Beutler	<i>Joseph C. Beutler</i>
19	Mr. Howard Furl	<i>Howard Furl</i>
20	Mr. JJ Leet	<i>JJ Leet</i>
21	Ms. Eileen Mohr	<i>Eileen Mohr</i>
22	Mr. Jonathan Millea	Absent
23	Mr. Jon Barber	<i>Jon Barber/ce.</i>
24	Mr. Thomas Tadsen	<i>Thomas Tadsen</i>
25	Ms. Dorene Spicer	<i>Dorene Spicer</i>










**Ravenna Army Ammunition Plant
Restoration Advisory Board Meeting
May 20, 2009**

	Name	Address / E-mail	Phone
1	Walt E. Lindor	204 South Aspen Ct. Unit #1 Warren	372-1870
2	DOUGLAS B JAVA	2847 OAKWOOD STREET 44454-1066	SPRINGINGTON 42470
3	Gougeon TomPKins	PO Box 43 Wayland 44285	330 358 2209
4	Gen. Beckham	4102 Wabash Ct. 440031	502-315-6799
5	RON+LAURA DUNCAN	15988 JOHNSON ST. - Mt. Pleasant OH	(440) 632-0020
6	MARK NICHTEL	LOUISVILLE, KY	(502) 315-8315
7	Rick Wargo	5989 Wayland Rd. 44266	
8	Virginia Shaw	5100 Sunnybrook Rd. Kent 44240	330-678-3643
9	Julie Smeiles	Villardier Newspaper	330-469-3418
10	Scott Armstrong	8866 Conners Blvd. Mansburg 44087	
11	Mike Soren	Record Courier	330-296-9007
12	Jennifer Zavada	Kelly-Buck Company Cleveland	216 861-1716
13	Gary/Tina Lemley	4908 Hattrick Rd. Ravenna	330 297 0748
14	Clarence Be-more Eminger	8231 St. Rt. 82 Canonsville, Ohio 44231-9488	330-527-2025
15			
16			
17			
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25			

APPENDIX L
Cumulative Signed Documentation/Correspondences

 Attachments can contain viruses that may harm your computer. Attachments may not display correctly.
The sender of this message has requested a read receipt. [Click here to send a receipt.](#)

Brian Stockwell

From: Kinder, Derek S LRL [Derek.S.Kinder@usace.army.mil] **Sent:** Wed 6/24/2009 8:59 AM
To: Brian Stockwell
Cc: Stolte, Nicholas J (Intern) LRL
Subject: FW: response to comments - Rocket Ridge TCRA
Attachments:  TCRA rev sched 6-19-09.pdf(27KB)  CRT for Draft Work Plan for Rocket Ridge TCRA - OHIO EPA (SC KA - 6-19-09).doc(177KB)  CRT for Project Management Plan for Rocket Ridge TCRA - OHIO EPA KA 06.17.09.doc (54KB)  CRT for Public Involvement Plan for Rocket Ridge TCRA - OHIO EPA.doc(56KB)  USACE CRT PreDraftPWPRocketRidge (SC KA 6-19-09).doc(186KB)  USACE CRT PreDraftPIP RocketRidge 6 18 09.doc(45KB)  CRT for Project Work Plan for Rocket Ridge TCRA - OHARNG (SC Response - 6-18-09).doc(44KB)  CRT for Project Management Plan for Rocket Ridge TCRA - OHARNG KA 6.19.09.doc(44KB)  CRT for Public Involvement Plan for Rocket Ridge TCRA - OHARNG.doc(59KB)

Responses to my comments are acceptable. Thank you.

Derek Kinder, EIT LSIT
 USACE Louisville District
 Environmental Branch
 502-315-6393

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

From: Brian Stockwell [mailto:bstockwell@pikainc.com]
Sent: Friday, June 19, 2009 1:31 PM
To: Kinder, Derek S LRL; eileen.mohr@epa.state.oh.us; katie.elgin@us.army.mil; Stolte, Nicholas J (Intern) LRL; Greene, Paul E NAB02; Peters, Nathaniel II LRL
Cc: Beckham, Glen LRL; Shahrukh Kanga; Kathleen Anthony; Shawn Corcoran
Subject: response to comments - Rocket Ridge TCRA

All - attached are the PIKA responses to work plan comments and current tentative schedule for the Rocket Ridge TCRA. Please review your respective comment responses and advise on concurrence or need for further clarifications/additional information. I have included everyones comments for cross referencing as needed to ensure consistency etc.. Upon receipt of everyones feedback we will advise on the need for a followup conference call or the like to answer any follow-on questions. If you have any questions pls let me know. Thanks to all for your timely responses.

Regards,

Brian Stockwell
 Project Manager
 PIKA International, Inc.
 330-358-7135

Brian Stockwell

From: Eileen Mohr [eileen.mohr@epa.state.oh.us] **Sent:** Wed 6/24/2009 8:07 AM
To: Brian Stockwell
Cc: Eileen Mohr
Subject: RE: response to comments - Rocket Ridge TCRA
Attachments:

Hi Brian

That works or me. Also the previous email works too.... appendices with RTCs and emails works great.

Thanks.

Eileen

Eileen T. Mohr
Project Manager
Division of Emergency and Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087
330-963-1221
330-487-0769 (FAX)
email: Eileen.Mohr@epa.state.oh.us

>>> "Brian Stockwell" <bstockwell@pikainc.com> 06/23/09 8:43 PM >>>

Hi Eileen - I just noticed that our responses to your QAPP Comments O-47 to O-48 indicate we will be adding White Phosphorus. The correct response is to "please see previous response to O-4 where we explain that 3 back ground samples will be collected etc. and that samples for White Phosphorus will be collected as part of the Phase II remedial Actions - Appologize for that oversight - let me know and I can make the correction to the RTC with your concurrence -

have a good one

Brian

From: Eileen Mohr [mailto:eileen.mohr@epa.state.oh.us]
Sent: Tue 6/23/2009 2:21 PM
To: Brian Stockwell; katie.elgin@us.army.mil; derek.s.kinder@usace.army.mil; Nathaniel II LRL Peters; nicholas.j.stolte@usace.army.mil; Paul.E.Greene@usace.army.mil
Cc: Bonnie Buthker; Eileen Mohr; Todd Fisher; Kathleen Anthony; Shawn Corcoran; Shahrukh Kanga; Glen LRL Beckham
Subject: Re: response to comments - Rocket Ridge TCRA

**** High Priority ****

Hi Brian

Sorry for the delay. I just got back into the office. One question: especially for the slope stability issues that were raised... will you be adding in any of the RTC language into the revised text? I would recommend doing that or make sure that you attach the final RTCs to the final documents. Other than that, everything looks good to me and you can probably start revising the documents unless you are waiting to hear back from anyone else.

Thanks Brian.

Eileen

Eileen T. Mohr
Project Manager
Division of Emergency and Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087
330-963-1221
330-487-0769 (FAX)
email: Eileen.Mohr@epa.state.oh.us

>>> "Brian Stockwell" <bstockwell@pikainc.com> 6/19/2009 1:31 PM >>>

All - attached are the PIKA responses to work plan comments and current tentative schedule for the Rocket Ridge TCRA. Please review your respective comment responses and advise on concurrence or need for further clarifications/additional information. I have included everyones comments for cross referencing as needed to ensure consistency etc.. Upon receipt of everyones feedback we will advise on the need for a followup conference call or the like to answer any follow-on questions. If you have any questions pls let me know. Thanks to all for your timely responses.

Regards,

Brian Stockwell
Project Manager
PIKA International, Inc.
330-358-7135

Brian Stockwell

From: Elgin, Kathryn S CIV NGOH [katie.elgin@us.army.mil] **Sent:** Wed 6/24/2009 7:50 AM
To: Brian Stockwell; derek.s.kinder@usace.army.mil; eileen.mohr@epa.state.oh.us; nicholas.j.stolte@usace.army.mil; Paul.E.Greene@usace.army.mil; Peters, Nathaniel II LRL
Cc: Beckham, Glen LRL; Shahrukh Kanga; Kathleen Anthony; Shawn Corcoran
Subject: RE: response to comments - Rocket Ridge TCRA (UNCLASSIFIED)
Attachments:

Classification: UNCLASSIFIED
Caveats: NONE

Brian:
Response to my comments are acceptable. Thanks,

Katie Elgin
Environmental Specialist 2
OHARNG
Camp Ravenna Joint Military Training Center
(614)336-6136
(614)336-6135 (fax)

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


From: Brian Stockwell [mailto:bstockwell@pikainc.com]
Sent: Friday, June 19, 2009 1:31 PM
To: derek.s.kinder@usace.army.mil; eileen.mohr@epa.state.oh.us; Elgin, Kathryn S CIV NGOH; nicholas.j.stolte@usace.army.mil; Paul.E.Greene@usace.army.mil; Peters, Nathaniel II LRL
Cc: Beckham, Glen LRL; Shahrukh Kanga; Kathleen Anthony; Shawn Corcoran
Subject: response to comments - Rocket Ridge TCRA

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Regards,

Brian Stockwell
Project Manager
PIKA International, Inc.
330-358-7135

Classification: UNCLASSIFIED
Caveats: NONE

 You replied on 6/23/2009 7:36 PM.
This message was sent with high importance.

Brian Stockwell

From: Eileen Mohr [eileen.mohr@epa.state.oh.us] **Sent:** Tue 6/23/2009 2:21 PM
To: Brian Stockwell; katie.elgin@us.army.mil; derek.s.kinder@usace.army.mil; Nathaniel II LRL Peters; nicholas.j.stolte@usace.army.mil; Paul.E.Greene@usace.army.mil
Cc: Bonnie Buthker; Eileen Mohr; Todd Fisher; Kathleen Anthony; Shawn Corcoran; Shahrukh Kanga; Glen LRL Beckham
Subject: Re: response to comments - Rocket Ridge TCRA
Attachments:

** High Priority **

Hi Brian

Sorry for the delay. I just got back into the office. One question: especially for the slope stability issues that were raised... will you be adding in any of the RTC language into the revised text? I would recommend doing that or make sure that you attach the final RTCs to the final documents. Other than that, everything looks good to me and you can probably start revising the documents unless you are waiting to hear back from anyone else.

Thanks Brian.

Eileen

Eileen T. Mohr
Project Manager
Division of Emergency and Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087
330-963-1221
330-487-0769 (FAX)
email: Eileen.Mohr@epa.state.oh.us

>>> "Brian Stockwell" <bstockwell@pikainc.com> 6/19/2009 1:31 PM >>>

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Regards,

Brian Stockwell
Project Manager
PIKA International, Inc.
330-358-7135

Brian Stockwell

From: Brian Stockwell **Sent:** Tue 6/23/2009 7:36 PM
To: Eileen Mohr; katie.elgin@us.army.mil; derek.s.kinder@usace.army.mil; Nathaniel II LRL Peters; nicholas.j.stolte@usace.army.mil; Paul.E.Greene@usace.army.mil
Cc: Bonnie Buthker; Todd Fisher; Kathleen Anthony; Shawn Corcoran; Shahrukh Kanga; Glen LRL Beckham
Subject: RE: response to comments - Rocket Ridge TCRA
Attachments:

Thanks Eileen - IAW the Ravenna formatting guidelines the Final Work Plan iteration will have 2 additional appendicies; one for documenting the final RTCs and one for documenting e-mail correspondences relative comment resolution and document preparation etc. Let me know if that will work.

Thanks,

Brian Stockwell
Project Manager
PIKA International, Inc.
330-358-7135

From: Eileen Mohr [mailto:eileen.mohr@epa.state.oh.us]
Sent: Tue 6/23/2009 2:21 PM
To: Brian Stockwell; katie.elgin@us.army.mil; derek.s.kinder@usace.army.mil; Nathaniel II LRL Peters; nicholas.j.stolte@usace.army.mil; Paul.E.Greene@usace.army.mil
Cc: Bonnie Buthker; Eileen Mohr; Todd Fisher; Kathleen Anthony; Shawn Corcoran; Shahrukh Kanga; Glen LRL Beckham
Subject: Re: response to comments - Rocket Ridge TCRA

** High Priority **

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Eileen

Eileen T. Mohr
Project Manager
Division of Emergency and Remedial Response
2110 East Aurora Road
Twinsburg, OH 44087
330-963-1221
330-487-0769 (FAX)
email: Eileen.Mohr@epa.state.oh.us

>>> "Brian Stockwell" <bstockwell@pikainc.com> 6/19/2009 1:31 PM >>>

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Regards,

Brian Stockwell
Project Manager
PIKA International, Inc.
330-358-7135

Brian Stockwell

From: Stolte, Nicholas J (Intern) LRL
[Nicholas.J.Stolte@usace.army.mil] **Sent:** Mon 6/22/2009 12:49 PM
To: Brian Stockwell; Kinder, Derek S LRL; eileen.mohr@epa.state.oh.us; katie.elgin@us.army.mil; Greene, Paul E
NAB02; Peters, Nathaniel II LRL
Cc: Beckham, Glen LRL; Shahrukh Kanga; Kathleen Anthony; Shawn Corcoran
Subject: RE: response to comments - Rocket Ridge TCRA
Attachments:

Brian,

PWP Comment #1 - CELRL is the correct acronym, Derek was trying to say the same thing but wrote it backwards.

PWP Comment #3 - Response is ok, no change is necessary.

All other responses to my comments are ok. Thanks.

Nick Stolte, EIT
USACE Louisville District
Environmental Branch
p. 502-315-6348
f. 502-315-6309


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

From: Brian Stockwell [mailto:bstockwell@pikainc.com]
Sent: Friday, June 19, 2009 1:31 PM
To: Kinder, Derek S LRL; eileen.mohr@epa.state.oh.us;
katie.elgin@us.army.mil; Stolte, Nicholas J (Intern) LRL; Greene, Paul E
NAB02; Peters, Nathaniel II LRL
Cc: Beckham, Glen LRL; Shahrukh Kanga; Kathleen Anthony; Shawn Corcoran
Subject: response to comments - Rocket Ridge TCRA










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Regards,

Brian Stockwell
Project Manager
PIKA International, Inc.
330-358-7135

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Brian Stockwell

From: Brian Stockwell **Sent:** Fri 6/19/2009 12:31 PM
To: derek.s.kinder@usace.army.mil; eileen.mohr@epa.state.oh.us; Elgin, Kathryn S NGOH [katie.elgin@us.army.mil]; nicholas.j.stolte@usace.army.mil; Greene, Paul E NAB02 [Paul.E.Greene@usace.army.mil]; Peters, Nathaniel II LRL
Cc: 'Beckham, Glen LRL'; Shahrukh Kanga; Kathleen Anthony; Shawn Corcoran
Subject: response to comments - Rocket Ridge TCRA
Attachments:  TCRA rev sched 6-19-09.pdf(19KB)  CRT for Draft Work Plan for Rocket Ridge TCRA - OHIO EPA (SC KA - 6-19-09).doc(130KB)  CRT for Project Management Plan for Rocket Ridge TCRA - OHIO EPA KA 06.17.09.doc (39KB)  CRT for Public Involvement Plan for Rocket Ridge TCRA - OHIO EPA.doc(41KB)  USACE CRT PreDraftPWPRocketRidge (SC KA 6-19-09).doc(136KB)  USACE CRT PreDraftPIP RocketRidge 6 18 09.doc(33KB)  CRT for Project Work Plan for Rocket Ridge TCRA - OHARNG (SC Response - 6-18-09).doc(32KB)  CRT for Project Management Plan for Rocket Ridge TCRA - OHARNG KA 6.19.09.doc(32KB)  CRT for Public Involvement Plan for Rocket Ridge TCRA - OHARNG.doc(43KB)

All - attached are the PIKA responses to work plan comments and current tentative schedule for the Rocket Ridge TCRA. Please review your respective comment responses and advise on concurrence or need for further clarifications/additional information. I have included everyone's comments for cross referencing as needed to ensure consistency etc.. Upon receipt of everyone's feedback we will advise on the need for a followup conference call or the like to answer any follow-on questions. If you have any questions pls let me know. Thanks to all for your timely responses.

Regards,

Brian Stockwell
 Project Manager
 PIKA International, Inc.
 330-358-7135

 You replied on 6/18/2009 7:26 AM.

Brian Stockwell

From: Stolte, Nicholas J (Intern) LRL [Nicholas.J.Stolte@usace.army.mil] **Sent:** Wed 6/17/2009 2:29 PM
To: Brian Stockwell
Cc:
Subject: FW: PIP review
Attachments:

Brian,

Here are the comments on the PIP from our public affairs office. My only additional comment is that RTLS be updated to Camp Ravenna.

Nick Stolte, EIT
USACE Louisville District
Environmental Branch
p. 502-315-6348
f. 502-315-6309

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

From: Hornback, Todd J LRL
Sent: Thursday, June 04, 2009 4:25 PM
To: Stolte, Nicholas J (Intern) LRL
Subject: RE: PIP review

Nick

Thank you so much for the review. I just have a couple of comments which are minor and probably easy to answer:

Section 2.1 page 3 OHARNG (What is this acronym?) I believe it is the Ohio Army National Guard but I did not see it explained before use of this acronym.

Section 4.1.3 page 16 Question on media engagement: who has been writing, reviewing news releases and who has been serving as the Corps representative during media events for media tours, etc.?

Thanks,
Todd
315-6768

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

From: Stolte, Nicholas J (Intern) LRL
Sent: Tuesday, June 02, 2009 3:47 PM
To: Hornback, Todd J LRL
Subject: RE: PIP review

Todd,

If you could have review comments to me by the end of next week, that would be great. Please let me know if you have any questions or need anything else

from me. Thanks.

Nick Stolte, EIT
USACE Louisville District
Environmental Branch
p. 502-315-6348
f. 502-315-6309

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

From: Hornback, Todd J LRL
Sent: Tuesday, June 02, 2009 1:13 PM
To: Stolte, Nicholas J (Intern) LRL
Subject: RE: PIP review

Nick,
Send me the electronic file or bring me a hard copy. I will review and send back. When is your deadline for the review?
Thanks,
Todd


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

From: Stolte, Nicholas J (Intern) LRL
Sent: Tuesday, June 02, 2009 12:58 PM
To: Hornback, Todd J LRL
Subject: PIP review

Todd,

I have received a Public Involvement Plan related to a project called Rocket Ridge. I am told that I need to have this document reviewed by someone in our public affairs office. Could you help me with this? Please let me know what I need to do. Thanks.

Nick Stolte, EIT
USACE Louisville District
Environmental Branch
p. 502-315-6348
f. 502-315-6309

 You replied on 6/17/2009 12:47 PM.

Brian Stockwell

From: Elgin, Kathryn S CIV NGOH [katie.elgin@us.army.mil] **Sent:** Wed 6/17/2009 7:27 AM
To: Brian Stockwell
Cc: Eileen Mohr; Todd Fisher; Beckham, Glen LRL; Nichter, Mark W LRL; Chanda, Thomas M LRL; Patterson, Mark C CIV USA OSA; bonnie.buthker@epa.state.oh.us; Derek.S.Kinder@usace.army.mil
Subject: Comments on the Rocket Ridge Phase I Documents (UNCLASSIFIED)
Attachments:

Classification: UNCLASSIFIED
 Caveats: NONE

Brian:
 Here are my comments on the Rocket Ridge documents:

1. General: For future documents, please change Ravenna Training and Logistics Site to Camp Ravenna. Since these documents are on a fast track, no text change is required but please incorporate this into future documents.
2. General: Please make sure that any activities that will involve impacts to any natural resources are coordinated with the OHARNG. This includes brush cutting, impacts to Sand Creek, etc.
3. General: Please coordinate all blow-in-place operations and road closures with the OHARNG.
4. Public Involvement Plan Addendum:
 - a) Appendix A is listed as USACE/Regulatory Contacts. The OHARNG contacts (LTC Meade and Tim Morgan) are listed under this heading. We are not USACE or Regulatory Contacts. Suggest you revise the heading to include Other Stakeholders. Please delete CPT Tom Daugherty as a contact. He is a retired Major and is no longer our Environmental Program Manager. Please list our contact information as the following:

Ohio Army National Guard
 LTC Ed Meade
 RTLS Garrison Commander
 1438 State Route 534 SW
 Newton Falls, OH 44444
 Office: (614)336-6560
 Fax: (614)336-6796
 Email: william.meade1@us.army.mil

Ohio Army National Guard
 Tim Morgan
 RTLS Environmental Supervisor
 1438 State Route 534 SW
 Newton Falls, OH 44444
 Office: (614)336-6568
 Email: timothy.m.morgan@us.army.mil

- b) Pg 4 - "The RTLS perimeter fence encloses both installations." There are not 2 installations. There is 1 installation and some property is owned by the OHARNG and some is owned by the Army. Please delete this statement.


c) Pg. 5 - "In support of the OHARNG training efforts the USACE in conjunction with the Army, Site Investigation at the facility within one such area identified as The Rocket Ridge Area of Open Demolition Area 2." This is an incomplete sentence. What does this statement mean? Please clarify.

d) Pg 10 - "Known locally as the 'Arsenal'... The misconceptions and secrecy surrounding RVAAP has been significantly reduced or dispelled." This statement is irrelevant and is not related to the community profile above it. Please delete.


e) Pg 11 - "The Portage County Historical Society obtained items that were part of the bowling alley from the recreation hall... For a one day historical tour to view some of the old arsenal buildings." Again this statement is irrelevant. Please delete.

Please contact me with any questions. Thanks,

Katie Elgin
Environmental Specialist 2
OHARNG
Camp Ravenna Joint Military Training Center
(614)336-6136
(614)336-6135 (fax)
Classification: UNCLASSIFIED
Caveats: NONE

 You forwarded this message on 6/12/2009 3:52 PM.
Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Brian Stockwell

From: Stolte, Nicholas J (Intern) LRL [Nicholas.J.Stolte@usace.army.mil] **Sent:** Fri 6/12/2009 3:30 PM
To: Brian Stockwell
Cc: Kinder, Derek S LRL
Subject: Rocket Ridge WP CRT
Attachments:  CRT_PreDraftPWPRocketRidge.doc(150KB)

Brian,

Please see the attached for USACE comments on the WP. Let me know if you have any questions or think that we need a comment resolution meeting.
Thanks.

Nick Stolte, EIT
USACE Louisville District
Environmental Branch
p. 502-315-6348
f. 502-315-6309

APPENDIX M
Comment Response Table

**Pre-Draft Public Involvement Plan for the Time Critical Removal Action (TCRA) at the Rocket Ridge Area of
RVAAP- 04 Open Demolition Area #2
Ravenna Army Ammunition Plant, Ravenna Ohio
Comment Response Table
May 29, 2009**

Cmt. No.	Page No. Line No.	Comment	Recommendation	Response
Ohio EPA – Eileen Mohr				
O-1	Pg 2 Line 1-3	No change except to add regulatory agencies.		The noted text will be changed to read” The USACE Louisville District will be forthright, responsive, clear, and proactive in their communications involving the stakeholders including members of the general public, elected officials, interest groups, and the media who express interest in this site.
O-2	Pg 5 Line 1-3	Need different verbiage. Look at Brian’s presentation regarding when discovered and that we are cleaning it up due to health & safety issues. SI did not identify Rocket Ridge. It was 2004. SI merely discussed it in more detail.		The noted text is irrelevant to this section and will be removed.
O-3	Pg 9 Section 2.4 Last paragraph	Do we really need this section here? RVAAP is inactive and being cleaned up- - So can this potentially confuse folks? I don’t care one way or the other if it stays or goes. So whatever folks think here.		Since the information does not specifically pertain to the Rocket Ridge site, the text will be removed from the PIP in order to avoid any confusion etc.
O-4	Page 11 Section 3.1 Last paragraph	Make more general – we have had several tours there.		Based on similar comments from other stakeholders, the noted text on page 11 will be removed from the document to avoid potential confusion etc..
O-5	Page 11	Change text to: Environmental concerns expressed by residents include potential increase in cancer rates, the area wildlife and whether all		The last sentence of the first paragraph on page 11 will be changed to read as noted.

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	Section 3.2 First Paragraph	contamination risks have been identified, which may determine the course of cleanup.		
O-6	Appendix A Local Officials City Council Members	Table does not allow seeing full title of City Council member. Fran Ricciardi, Council President		The first column in the table which lists the City Council Members will be expanded to ensure all names and titles are legible.
O-7	Pg 39 Appendix I Second sentence	Glossary - Preliminary Assessment (PA): should reference Ravenna Army Ammunition Plant not Camp Grant.		The reference to Camp Grant will be removed and replaced by "Ravenna Army Ammunition Plant".

PRELIMINARY DRAFT PUBLIC INVOLVEMENT PLAN FOR THE TIME CRITICAL REMOVAL ACTION AT THE ROCKET RIDGE AREA OF ODA2

Comment Number	Page No./ Line No.	New Page or Sheet	Comment	Recommendation	Response
<i>USACE – Nick Stolte</i>					
1	General		RTLS needs be updated to Camp Ravenna.		The reference to Ravenna Training and Logistics Site will be changed to Camp Ravenna.
<i>USACE – Todd Hornback</i>					
1	Section 2.1 page 3		OHARNG (What is this acronym?)I believe it is the Ohio Army National Guard but I did not see it explained before use of this acronym.		The Acronym OHARNG is for the Ohio Army National Guard. The acronym will be explained where it is first used in Section 2.1 of the document.
2	Section 4.1.3 page 16		Question on media engagement: who has been writing, reviewing news releases and who has been serving as the Corps representative during media events for media tours, etc.?		The RVAAP RAB Administrator (contracted by USACE –Louisville) and RVAAP Facility Manager prepare the news releases and host the media events and RAB Tours.

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Cmt. No.	Page No. Line No.	Comment	Recommendation	Response
OHARNG – Kathryn Elgin				
R-1	General	For future documents, please change Ravenna Training and Logistics Site to Camp Ravenna. Since these documents are on a fast track, no text change is required but please incorporate this into future documents.		The reference to Ravenna Training and Logistics Site will be changed to Camp Ravenna for all future documents.
R- 2	General	Please make sure that any activities that will involve impacts to any natural resources are coordinated with the OHARNG. This includes brush cutting, impacts to Sand Creek, etc.		PIKA will inform and coordinate all site activities that may involve impacts to natural resources with the OHARNG.
R-3	General	Please coordinate all blow-in-place operations and road closures with the OHARNG.		PIKA will coordinate all site operations which require road closures etc. with the OHARNG to ensure proper planning relative training exercises and facility operations.
R-4	Appendix A	Appendix A is listed as USACE/Regulatory Contacts. The OHARNG contacts (LTC Meade and Tim Morgan) are listed under this heading. We are not USACE or Regulatory Contacts. Suggest you revise the heading to include Other Stakeholders. Please delete CPT Tom Daugherty as a contact. He is a retired Major and is no longer our Environmental Program Manager. Please list our contact information as the following:		For clarification, the title to Appendix A will changed to read “USACE/Regulatory/RVAAP/Ohio Army National Guard Contacts” The Ohio Army National Guard contact information will be updated as noted.

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		<p>Ohio Army National Guard LTC Ed Meade RTLS Garrison Commander 1438 State Route 534 SW Newton Falls, OH 44444 Office: (614)336-6560 Fax: (614)336-6796 Email: william.meade1@us.army.mil</p> <p>Ohio Army National Guard Tim Morgan RTLS Environmental Supervisor 1438 State Route 534 SW Newton Falls, OH 44444 Office: (614)336-6568 Email: timothy.m.morgan@us.army.mi</p>		
R- 5	Page 4 Last sentence	"The RTLS perimeter fence encloses both installations." There are not 2 installations. There is 1 installation and some property is owned by the OHARNG and some is owned by the Army. Please delete this statement.		The noted text will be removed from Section 2.1 on page 4.
R-6	Page 5 1 st paragraph	"In support of the OHARNG training efforts the USACE in conjunction with the Army, Site Investigation at the facility within one such area identified as The Rocket Ridge Area of Open Demolition Area 2." This is an incomplete sentence. What does this statement mean? Please clarify. -		This text was inadvertently included in this section and does not apply. The text will be removed from the document.
R-7	Page 10	"Known locally as the 'Arsenal'... The misconceptions and secrecy surrounding RVAAP has been significantly reduced or dispelled." This		Agreed. Since the information does not specifically pertain to the Rocket Ridge site, the text will be removed from the PIP in order to

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	4 th paragraph	statement is irrelevant and is not related to the community profile above it. Please delete.		avoid any confusion etc.
R-8	Page 11 1 st paragraph	"The Portage County Historical Society obtained items that were part of the bowling alley from the recreation hall... For a one day historical tour to view some of the old arsenal buildings." Again this statement is irrelevant. Please delete.		Agreed. Since the information does not specifically pertain to the Rocket Ridge site, the text will be removed from the PIP in order to avoid any confusion etc.