

Camp Navajo
Final Stakeholder Advisory Group Meeting

Thursday, June 9, 2011
Flagstaff City Hall Conference Room
Flagstaff, AZ

Minutes

Members in attendance

Lee Luedeker, AGFD
Randy Wilkinson, ARNG Directorate
Nicole Coronado, ADEQ
Matt Ryan, Coconino County
Shaula Hedwall, USFWS
Tom Burkhart, City of Flagstaff
Karen Underhill, community member
Tina Williams, Coconino/Kaibab National
Forests

Interested Parties

LTC Troy Fontenot, ARNG Directorate
SFC Bart Sickler, Camp Navajo
LTC John Ladd, ADEMA
Gavin Fielding, ADEMA
Janet Lynn, ADEMA
Wayne Miller, ADEQ
Diana Deming, ADEQ
Harry Hendler, ADEQ

Members absent

LTC Mary Williams-Lynch, Camp Navajo
Shannon Clark, Coconino National Forest

Guests

CDT Michael Kilby, West Point
Mike Heitmann, CH2M HILL
Dana Downs-Heimes, CH2M HILL
Kathleen Anthony, MKM Engineers
Marty Rozelle, Rozelle Group
Jason Hurd, Intrinsic
Paige Ladd, community member
Tom Scott, City of Flagstaff, retired
Nanette Geringer, community member

The following acronyms may be used throughout this document

ACUB	Army Compatibility Use Buffer
ADEMA	Arizona Department of Emergency and Military Affairs
ADEQ	Arizona Department of Environmental Quality
AGFD	Arizona Game & Fish Department
API	Arizona Preserve Initiative
AZARNG	Arizona Army National Guard
CERCLA	Comprehensive Environmental Response, Compensation, & Liability Act
COPC	Contaminants of Potential Concern
DD	Decision Document
DoD	Department of Defense
EDMS	Electronic Data Management System
EE/CA	Engineering Evaluation/Cost Analysis
ERA	Ecological Risk Assessment
HERA	Human Health & Ecological Risk Assessment
HHRA	Human Health Risk Assessment
IAP	Installation Action Plan
IRP	Installation Restoration Program
LTC	Lieutenant Colonel
LTM	Long Term Management
MAMMS	Multiple Award Military Munitions Services
MAP	Management Action Plan
MC	Munitions Constituents

MD	Munitions Debris
MDAS	Material Documented as Safe
MEC	Munitions and Explosives of Concern
MPPEH	Munitions Potentially Presenting an Explosive Hazard
MRWA	Munitions Response Work Areas
MWP	Master Work Plan
NAAD	Navajo Army Depot
NAU	Northern Arizona University
NGB	National Guard Bureau
OB/OD	Open Burn/Open Detonation
PCP	Post Closure Plan
ppb	Parts Per Billion
QA	Quality Assurance
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RC	Response Complete
RIP	Remedy in Place
ROD	Record of Decision
SAG	Stakeholder Advisory Group
SRL	Soil Remediation Level
TPP	Technical Project Planning
USEPA	U.S. Environmental Protection Agency
USFS	U.S. Forest Service
USFWS	U.S. Fish & Wildlife Service
USGS	U.S. Geological Survey
UXO	Unexploded Ordnance
UXOQCS	Unexploded Ordnance Quality Control Specialist

1. *Welcome and Introductions*

Lee Luedeker welcomed everyone to the final SAG meeting. After introductions, Lee recalled the first SAG meeting, held February 28, 2002 at the Residence Inn, and the successes achieved by the group since that time.

This meeting summary and the PowerPoint presentation made at this SAG meeting are posted on the ADEQ website:

- <http://www.azdeq.gov/environ/waste/sps/state.html>

Lee announced that the Coconino County Rogers Lake Army Compatibility Use Buffer (ACUB) dedication ceremony will be held on Friday, June 10 at Rogers Lake for all who may be interested in attending. A proposal for potential purchase of several additional land parcels is currently in review.

SFC Sickler welcomed everyone on behalf of LTC Mary Williams-Lynch, who could not attend this meeting. LTC Williams-Lynch sent her best wishes to the SAG and thanked everyone for their participation and accomplishments.

LTC Troy Fontenot, the new ARNG Directorate Environmental Programs Manager introduced himself to the group. LTC Fontenot explained that although he is new to the group, the process is very familiar, and he is pleased to facilitate the SAG partnership with the many agencies and communities. LTC Fontenot commented on the tremendous amount of work that went into cleaning up and completing the Administrative Record, and thanked everyone for their commitment to the SAG process.

2. OB/OD Area Program Update

Randy Wilkinson, NGB, provided the following final OB/OD Area Program update.

The final OB/OD Area closure numbers:

- 11,718 MEC, MPPEH and MDEH were recovered and destroyed
- 384,640 pounds of material documented as safe were recycled
- 731,030 pounds of range-related debris were recycled
- >18,000 cubic yards of soil were excavated and processed

These OB/OD Area cleanup and closure activities were completed for approximately \$65 M.

The first Camp Navajo SAG meeting occurred on February 28, 2002. Since that time:

- 31 SAG meetings have occurred
- One SAG Co-Chair, Lee Luedeker has presided
- 1,850 documents have been processed and filed in the Administrative Record

Ten years ago, the SAG Mission statement was developed:

To serve as a forum for representatives of local, state and federal agencies and members of the public to participate in the decision-making process during the environmental cleanup of the Camp Navajo Open Burn/Open Detonation Area.

SAG members have included:

- ARNG, AZ ARNG, Camp Navajo
- AZ Department of Environmental Quality
- AZ Game and Fish Department
- US Fish and Wildlife Service
- US Forest Service
- City of Flagstaff and Coconino County
- Community Members

Randy reminded everyone that representatives from these agencies are also members of the local community.

In addition, the SAG members reached out to an “extended family” of Stakeholders:

- State Historic Preservation Office (cultural resources)
- Tribal consultations (cultural resources)
- Northern Arizona University (Public Information Repository, graduate student theses)
- City of Flagstaff (groundwater resources surveys)
- USGS (geologic mapping, seismic surveys, groundwater studies)
- AZ Game and Fish Department (Mexican Spotted Owl surveys)
- AZ Geological Survey (fault dating)
- AZ Department of Water Resources (local well permits)
- Federal Aviation Administration (airspace restrictions during MEC destruction)
- Other DoD agencies, including the Department of Defense Explosive Safety Board, Army Safety Office, U.S. Army Technical Center for Explosives Safety, U.S. Army Corps of Engineers, U.S. Army Environmental Command.

In addition, public involvement included community outreach programs such as:

- Newsletters
- News articles
- News releases
- Hunter safety fliers
- Neighborhood notices

These items included including the public on OB/OD Area announcement mailing lists, site tours and presentations to community groups.

In addition, a number of internet resources were developed in support of the OB/OD Area closure program. These included a public website which contained general program information, public review documents, a full electronic copy of the Administrative Record, and SAG meeting materials. A contractor website, referred to as the Electronic Data Management System (EDMS) was developed which also included a full electronic copy of the Administrative Record, draft and final planning and report documents, and analytical and geospatial data, including the many GIS layers developed for the program. The websites have been discontinued and all of the EDMS data have been archived.

Randy provided some background information regarding the environmental culture at the Army National Guard:

- The federal mission of the ARNG is to protect the homeland
- The state mission of the ARNG is to protect lives and property during manmade or natural disasters.
- More than 3,000 armories exist in communities throughout the states and US territories
- Guardsmen live and work in their communities

The Navajo Ordnance Depot was built in 1942. The facility was built and operated by workers from the Navajo Reservation and Hopi tribe. From 1942 through 1993, the facility was operated as an Army ammunition storage depot. As part of the Base Realignment and Closure (BRAC) Act 1 of 1988, a complete transfer of the Navajo Depot Activity to AZ ARNG was recommended. Final closure and operational control of the entire facility transferred to AZ ARNG in September 1993, and the facility became known as Camp Navajo. Camp Navajo is developing into a major National Guard training facility.

The cleanup goal of the Camp Navajo OB/OD Area closure project is to close the Open Burn/Open Detonation Area in a safe, compliant and cost-effective manner, and to return as much of the land as practicable to support the continuing training mission. Through this cleanup, we have been able to reduce the footprint of the impacted area, and return 4,300 contiguous acres of land to the Guard to use for training.

The cleanup activities have also supported natural resource management activities in the OB/OD Area. During cleanup, hundreds of feet of unused or downed barbed wire fence were recovered and recycled, mitigating wildlife entanglement issues. Measures were also considered to mitigate effects to the local Mexican spotted owl population. Finally, the ACUB purchase activities will provide a noise buffer and wildlife retreat area during training activities, as well as continuing to support Camp Navajo dark sky requirements by preventing other types of development in these areas.

The following table summarizes the closure status of NAAD sites as of June 9, 2011.

Site	Type	Fieldwork	Reports	HHRA	ERA	DD
01	CERCLA	Complete	Final	___	Final	Final
02	RCRA	Ongoing	Final	Draft	Draft	Future
03	CERCLA	Complete	Final	___	Final	Final
04	CERCLA	Complete	Final	___	Final	Final
05	RCRA	Complete	Final	Final	Final	Final
06	RCRA	Complete	Final	Final	Final	Final
07	CERCLA	Complete	Final	Final	Final	Final
08A	CERCLA	Complete	Final	___	Final	Final
08B	RCRA	Complete	Final	Final	Final	Final
09A	CERCLA	Complete	Final	___	Final	Final
09C	RCRA	Complete	Final	___	___	Final
09D	RCRA	Complete	Final	___	Final	Final
10	CERCLA	Complete	Final	___	Final	Final
13	RCRA	Complete	Final	Final	___	Final
20	CERCLA	Complete	Final	Final	___	Pending
E76	CERCLA	Complete	Final	___	___	Final

With the exception of the central portion of the former Open Detonation Area (NAAD 02) and the former Pyrotechnic Range (NAAD 20), all other sites have been successfully closed through approved Decision Documents.

The following table summarizes the status of MRWA sites as of June 9, 2011.

MRWA	Type	Investigation	Removal	Reports	EE/CA	DD
01	CERCLA	Complete	Complete	Final	Final	Final
02	RCRA	Complete	Complete	Final	Final	Future
20	CERCLA	Complete	---	Final	Final	Final

The following Decision Documents have been completed (regulatory program):

- NAAD 09C DD and ESD (RCRA)
- 7 OB/OD Area CERCLA Sites (CERCLA)
- NAAD 03 (CERCLA)
- NAAD 13 (RCRA)
- 4 OB Sites (RCRA)
- MRWA 01 and 20 (CERCLA)
- 5 IRP LTM Sites (CERCLA)

The following Decision Documents are undergoing ADEQ review:

- 7 IRP Ineligible Sites (CERCLA)

The following Decision Documents are undergoing ARNG review:

- 28 IRP Buyout Sites (CERCLA)
- 18 IRP Non-Buyout Sites (CERCLA)

The following Decision Documents are to be prepared:

- NAAD 02 (RCRA)
- MRWA 02 (RCRA)

In summary, although much of the program is ramping down, site closure activities will continue. MRWA 02 will be managed under post-closure care pursuant to the requirements under RCRA, which will be described in a post-closure permit application and permit. Land use controls either have been or will be implemented to continue to protect human health and the environment. One area will be designated no-access, and some areas will be designated no intrusive activities.

Safety has always been the ARNG Directorate's and Camp Navajo's first priority. Since OB/OD Area closure activities began, we have not had a safety incident or accident on the site and these successes are the result of using trained and experienced personnel to do the work.

Randy emphasized there are not too many CERCLA-process sites where the cleanup activities have been completed. Many of us have been actively involved in achieving this objective, and the time to complete these activities has been relative short compared to many CERCLA-process sites. All involved should be very proud of these achievements.

Shaula noted that the program owes much of its success to Randy Wilkinson and the ARNG Directorate. The Guard was able to build trust with the community that the closure process was going to work, and it did!

Lee Luedeker also commented that one issue that stood out for the SAG was the risk assessment process. The different groups were able to work through the contentious issues and conflicts. Through this process, the Guard involved and advocated to the public, and was able to get the public interested and involved.

Randy mentioned that his work will not end here. The Guard has inventoried all of the old ranges that belonged to the Guard. Randy is providing oversight for the inspection of these former ranges located in the western US. Gavin Fielding added that MKM Engineers is cleaning up the old rifle ranges at the Papago Park Military Reservation in Phoenix.

3. General Comments

Randy concluded by mentioning that the group will be invited to attend the public meeting for the post-closure permit application, and LTC Williams-Lynch envisions this group contributing to other collaborative Camp Navajo activities. LTC Williams Lynch will be departing Camp Navajo in September for a position in Washington DC.

Matt Ryan expressed his appreciation for the achievements the SAG and Camp Navajo has made. Many other Arizona military installations are encountering encroachment issues. The SAG has proven that there are mechanisms for these installations to address and coordinate planning activities with the public. The County has a rural planning program to assist in these types of issues. The Enhanced Lease Use areas and the Bellemont residential community were carefully planned to allow for economic growth, and compliment the military mission of building soldiers. The ACUB program is consistent with the Coconino County comprehensive plan, to allow for growth, yet preserve connected wild land areas.

Marty Rozelle stated the Camp Navajo Closure Program and the SAG activities is a success story that needs to be published. Although the results of the closure program have been published in two Guard Bureau publications, Marty indicated the public needs to be made aware of the achievements that have occurred at Camp Navajo. Matt Ryan indicated he will try to contact the Arizona Daily Sun to see if they are interested in a story on Camp Navajo.

4. Call to the Public

Question from the Audience: Who owns the land surrounding Camp Navajo?

Answer from Randy Wilkinson: The land around the western, southern and eastern boundaries of Camp Navajo is primarily owned by the Arizona State Land Department and the US Forest Service. The community of Bellemont, (population approximately 600) is located to the north. The activities which occurred in the former OB/OD Area were insulated through a large land buffer area. Camp Navajo collaborates with the US Forest Service and many other agencies for responses to wild-land fires and other needs.

Additional informal discussion followed.

The final SAG meeting concluded at 7:25 PM, after which a group photo was taken. A reception followed at the ballroom of the Weatherford Hotel in Flagstaff.

Sign In Sheet

Stakeholder Advisory Group

June 9, 2011

NAME	PHONE
Matt Ryan Coconino County	928-679-7163
Shauna Hedwall USFWS	928-226-0614 x103
LTC Troy Fontenot Army National Guard	210 424 8640
CDT Michael Kilby West Point	845-238-1315
GAVIN FIELDING	602-267-2665
Kate Anthony PIKA	713-724-2893
Tom BURKHART, CITY OF FLAGSTAFF	(928) 774-0262
Tom Scott, City of Flagstaff (Retired)	928 525-1239
SFC SICKLER, BART CAMP NAVAJO	928-773 3159
Janet Lynn, Camp Navajo	928-773-3318
Wayne Miller, ADEQ	602.771.4121
Marty Rozelle	602.224.0347
Jason Hurd	928-607-7156
DIANA DEMING-ADEQ	602-771-4168
Mike Heitmann - CH2M HILL	480-216-0982
Tina Williams - Coconino/Kaibab Natl Forests	(928) 527-3577
LTC JOHN LAOD AZARNG	602 267-2742
R Wilkinson	928 853 773-3208
Marlette A. Senger	520-878-6154 cell # (active when I have minutes.)



OB/OD Area Closure Project Stakeholder Advisory Group

Camp Navajo, Bellemont, AZ

Randy Wilkinson, Army National Guard Directorate
(ICI Services)

Final SAG meeting, June 9, 2011

And now...the numbers

- 11,718

05/14/10 9:26 am



And now...the numbers

- 11,718 MEC, MPPEH, MDEH destroyed
- 384,640



And now....the numbers

- 11,718 MEC, MPPEH, MDEH destroyed
- 384,640 pounds of MDAS recycled
- 731,030



And now...the numbers

- 11,718 MEC, MPPEH, MDEH destroyed
- 384,640 pounds of MDAS recycled
- 731,030 pounds of RRD recycled
- 18,000



And now...the numbers

- 11,718 MEC, MPPEH, MDEH destroyed
- 384,640 pounds of MDAS recycled
- 731,030 pounds of RRD recycled
- 18,000 cubic yards of soil excavated
- ~ \$65,000,000

And now...more numbers

- February 28, 2002

And now...more numbers

- February 28, 2002 – first SAG meeting
- 31

And now...more numbers

- February 28, 2002 – first SAG meeting
- 31 SAG meetings
- 1

And now...more numbers

- February 28, 2002 – first SAG meeting
- 31 SAG meetings
- 1 SAG Co-Chair
- >1,850

And now...more numbers

- February 28, 2002 – first SAG meeting
- 31 SAG meetings
- 1 SAG Co-Chair
- 1,850 documents in Administrative Record

Stakeholder Advisory Group Mission Statement

To serve as a forum for representatives of local, state, and federal agencies and members of the public to participate in the decision-making process during the environmental cleanup of the Camp Navajo Open Burn/Open Detonation Area

Stakeholder Advisory Group

- Members have included:
 - ARNG, AZARNG, Camp Navajo
 - AZ Department of Environmental Quality
 - AZ Game and Fish Department
 - US Fish and Wildlife Service
 - US Forest Service
 - City of Flagstaff, Coconino County
 - Community members

“Extended Family” of Stakeholders

- State Historic Preservation Office (cultural resources)
- Tribal consultations (cultural resources)
- Northern Arizona University (Public Information Repository, graduate student theses)
- City of Flagstaff (groundwater resources surveys)
- USGS (geologic mapping, seismic surveys, groundwater studies)
- AZ Game and Fish Department (MSO surveys)
- AZ Geological Survey (fault dating)
- AZ Department of Water Resources (local well permits)
- ADEQ (storm water permits)
- Federal Aviation Administration (airspace restrictions)
- Other DoD agencies – DoD Explosive Safety Board, Army Safety Office, US Army Technical Center for Explosives Safety, US Army Corps of Engineers, US Army Environmental Command

Public Involvement

- Community outreach
 - Newsletters
 - News articles
 - News releases
 - Hunter safety fliers
 - Neighborhood notices
- Mailing list
- Site tours
- Community groups

NOTICE

NEIGHBORHOOD NOTICE JANUARY 2006

CAMP NAVAJO

Open Burn/Open Detonation Area Closure Project

Dear Neighbor,

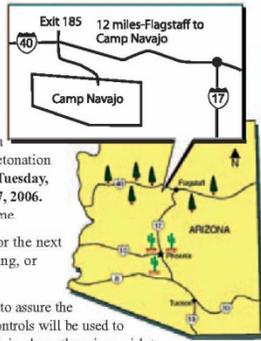
The purpose of this notice is to inform you and your neighbors that there will be small controlled detonation of some unexploded munitions, within the boundaries of the Camp Navajo Open Burn/Open Detonation Area, between the hours of 10 a.m. and 4 p.m. beginning **Tuesday, January 17 and continuing through Friday, January 27, 2006.** This area is at least two miles away from the nearest home.

In case of bad weather, we will reschedule the event for the next good weather day. Bad weather includes snow, lightning, or high winds.

Safety controls will be established prior to the detonation to assure the maximum public safety. When necessary, engineering controls will be used to minimize the blast and fragmentation. With these controls in place, there is no risk to residents of nearby areas. Specific procedures also will be followed to minimize impacts on the wintering bald eagles and Mexican spotted owls. The U.S. Fish and Wildlife Services biologist will be closely involved during the detonation.

The National Guard Bureau, in coordination with the Arizona Department of Environmental Quality, has been working on an investigation and cleanup of the Camp Navajo Open Detonation/Open Burn Area. Camp Navajo has established a set of procedures to keep neighbors fully informed of actions, which might affect the community.

If you have any questions about this event, please contact:
Major Bill Myer, Camp Navajo Project Manager
at (928) 773-3316 or
MAJ Paul Aguirre, Public Affairs Officer,
AZ Army National Guard at (602) 267-2550
Visit the project web site:
<http://www.CampNavajoEnvironmental.org>
for more information about the
Open Burn/Open Detonation Area Closure Project.



Internet Resources

■ Public website

- General program information
- Public review documents
- Electronic copy of AR
- SAG meeting materials

■ Contractor website

- Electronic copy of AR
- Draft documents
- Analytical data
- GIS layers

CAMP NAVAJO
ENVIRONMENTAL RESTORATION
WEBSITE

Environmental Restoration Programs | Community Involvement | Documents and Data

Welcome...

The purpose of this website is to enhance availability of information both to the public and to the project team. The website features an overview of the history of the installation, a calendar of events, maps, site descriptions, news, useful links and other pertinent information. Use the drop-down links above to navigate the website, or the hotlinks to the right for the most current information.

This website is sponsored by the National Guard Bureau as part of their efforts to improve communication and collaboration with Camp Navajo stakeholders toward the collective goal of environmental restoration at Camp Navajo.

News

Read the April 14th SAG Meeting Minutes.. →

View the April 7th News Release.. →

Check out the April Newsletter.. →

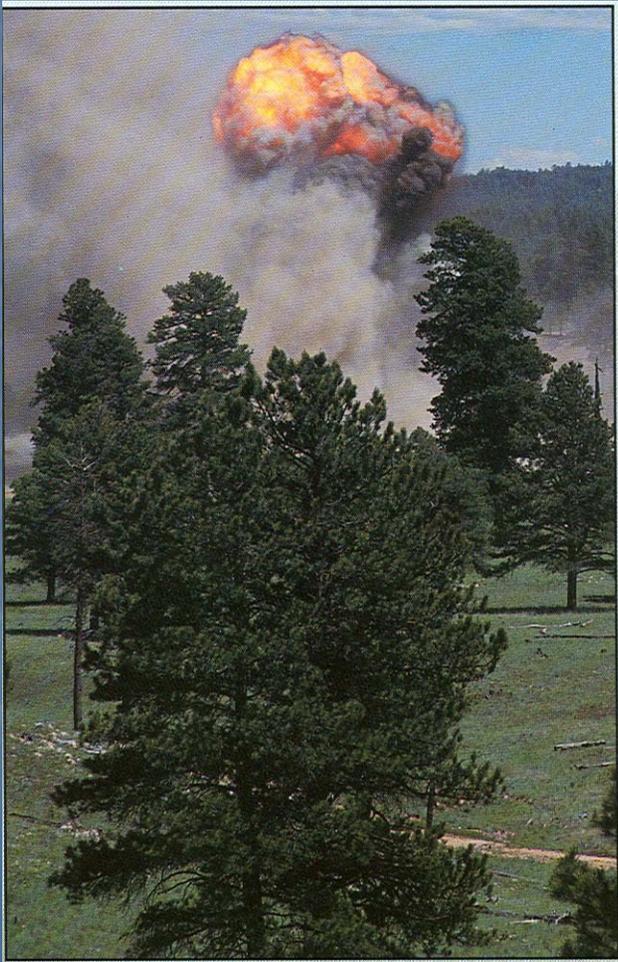
Search the Admin Record on the Camp Navajo EDMS site.. →

[Home](#) | [Environmental Restoration Programs](#) | [Community Involvement](#) | [Documents and Data](#)
[Camp Navajo EDMS Site](#) | [Site Map](#) | [Related Sites](#) | [Comments/Contact Us](#)

Army National Guard Environmental Culture

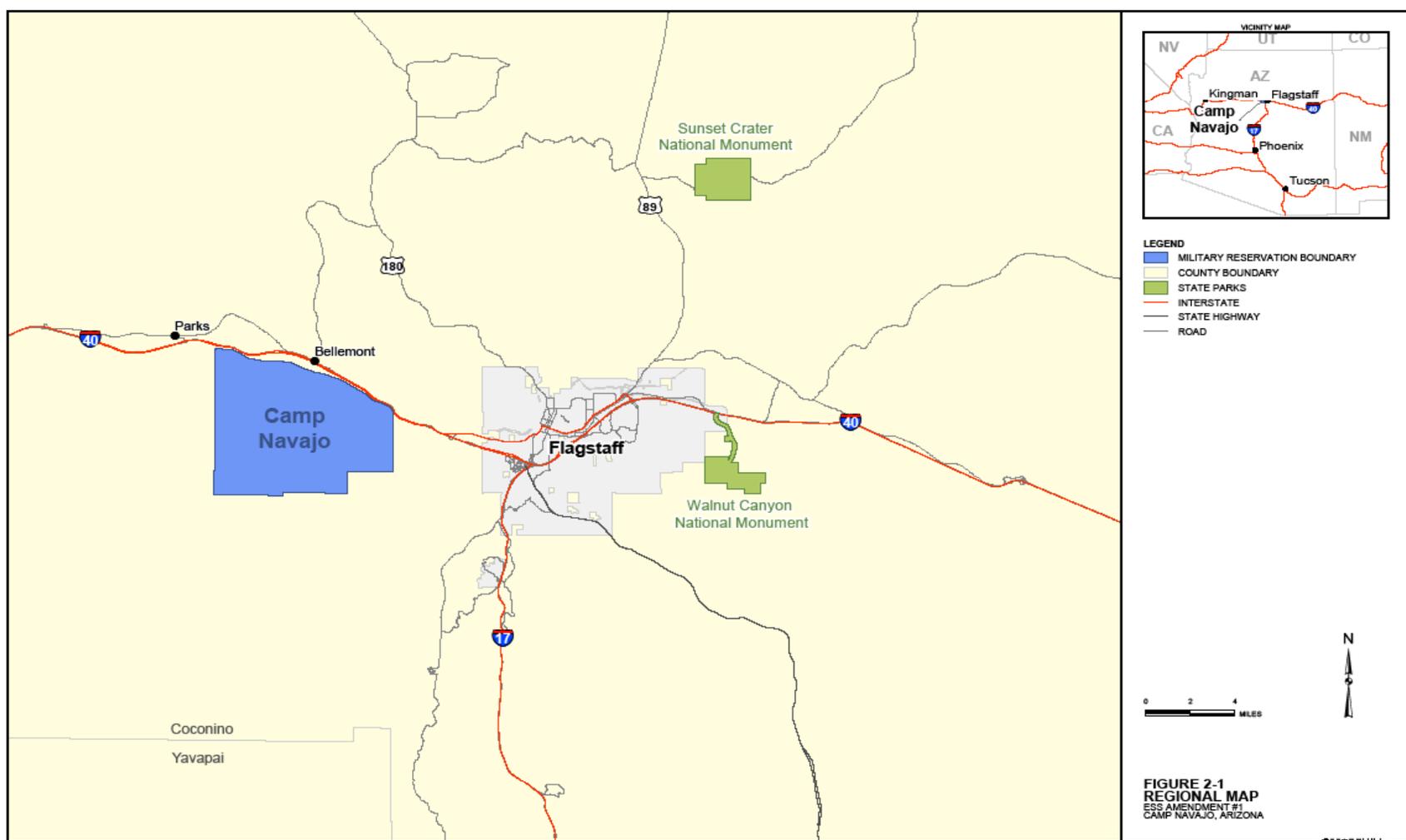
- ARNG federal mission is to protect the homeland
- ARNG state mission is to protect lives and property during manmade or natural disasters
- More than 3,000 armories in communities throughout the states and territories
- Guardsmen live and work in their communities

History of Camp Navajo



- Navajo Ordnance Depot built in 1942
- Built and operated by workers from Navajo and Hopi Reservations
- 1942 to 1993 – Army ammunition storage depot
- BRAC transfer to Arizona Army National Guard
- 1993 to present – Major National Guard training facility

Regional Map

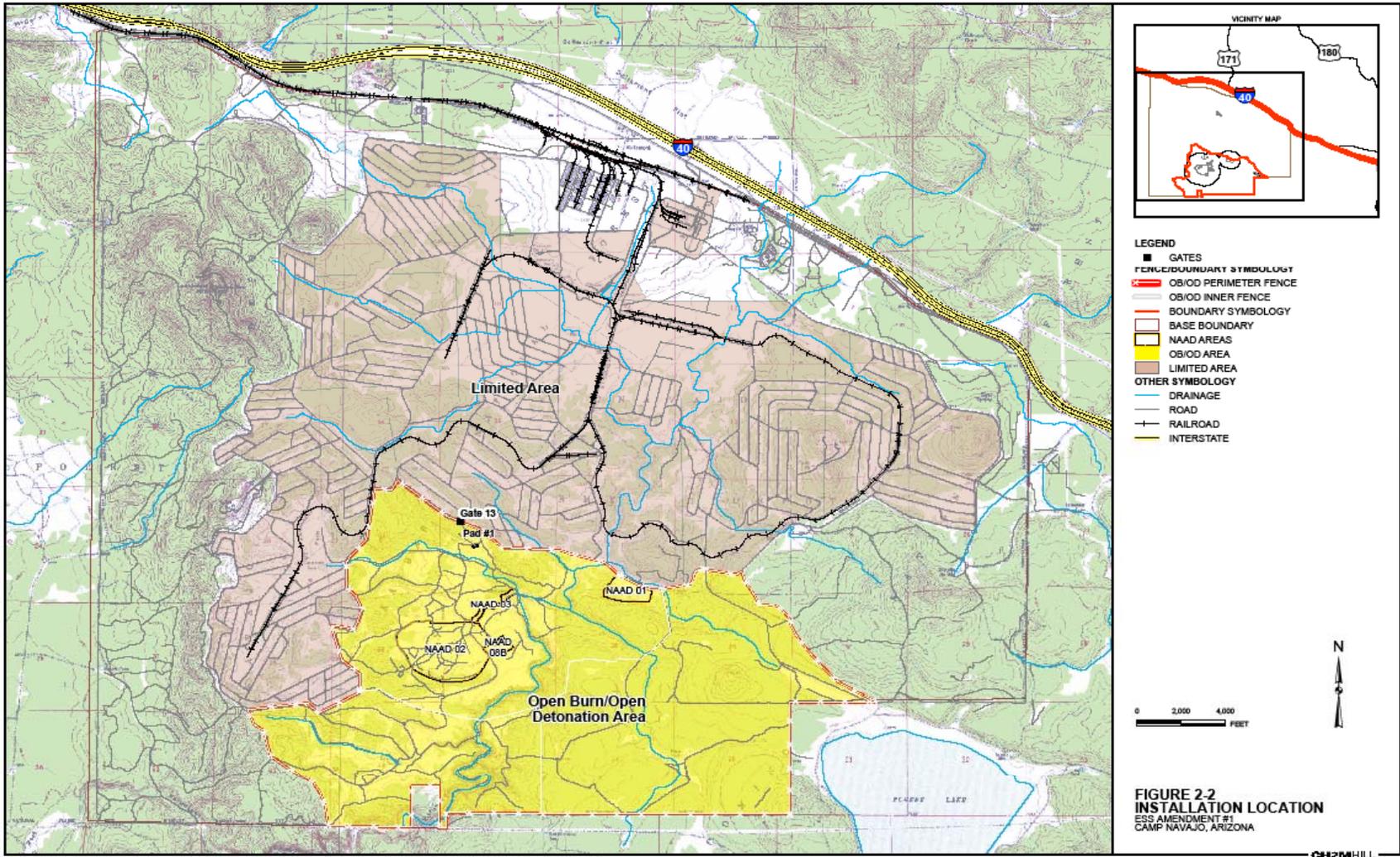


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OB/OD Area Closure Project Cleanup Goal

To close the Open Burn/Open Detonation Area in a safe, compliant, and cost-effective manner, and to return as much of the land as practicable to support the continuing training mission.

Installation Map



\\COP\PROJECT\BRCDO\B32119_CAMPNAVAJO\MAPFILES\B1TFP_JANUARY2009\FIG-2_OBODAREALLOCATION.MXD FIG-2_INSTALLATION.LOC.PDF 1/23/2009 13:08:59



Site Closure Status

Site	Type	Fieldwork	Reports	HHRA	ERA	DD
1	CERCLA	Complete	Final	---	Final	Final
2	RCRA	Complete	Final	Draft	Draft	Future
3	CERCLA	Complete	Final	---	Final	Final
4	CERCLA	Complete	Final	---	Final	Final
5	RCRA	Complete	Final	Final	Final	Final
6	RCRA	Complete	Final	Final	Final	Final
7	CERCLA	Complete	Final	Final	Final	Final
08A	CERCLA	Complete	Final	---	Final	Final
08B	RCRA	Complete	Final	Final	Final	Final
09A	CERCLA	Complete	Final	---	Final	Final
09C	RCRA	Complete	Final	---	---	Final
09D	RCRA	Complete	Final	---	Final	Final
10	CERCLA	Complete	Final	---	Final	Final
13	RCRA	Complete	Final	Final	---	Final
20	CERCLA	Complete	Final	Final	---	Pending
E76	CERCLA	Complete	Final	---	---	Final

Munitions Area Closure Status

MRWA	Type	Investigation	Removal	Reports	EE/CA	DD
01	CERCLA	Complete	Complete	Final	Final	Final
02	RCRA	Complete	Complete	Final	Final	Future
20	CERCLA	Complete	---	Final	Final	Final



Decision Documents

- **DDs completed:**
 - NAAD 09C DD and ESD (RCRA)
 - 7 OB/OD Area CERCLA Sites (CERCLA)
 - NAAD 03 (CERCLA)
 - NAAD 13 (RCRA)
 - 4 OB Sites (RCRA)
 - MRWA 01 and 20 (CERCLA)
 - 5 IRP LTM Sites (CERCLA)
- **DDs undergoing ADEQ review:**
 - 7 IRP Ineligible Sites (CERCLA)
- **DDs undergoing NGB review:**
 - 28 IRP Buyout Sites (CERCLA)
 - 18 IRP Non-Buyout Sites (CERCLA)
- **DDs to be prepared:**
 - NAAD 02 (RCRA)
 - MRWA 02 (RCRA)



Safety Is Our #1 Priority





For further information:

- LTC Troy Fontenot
 - Army National Guard Directorate
 - (210) 424-8640
 - troy.fontenot@us.army.mil
- Randy Wilkinson
 - Army National Guard Directorate / ICI Services
 - (928) 773-3208
 - randall.wilkinson1@us.army.mil