

Camp Navajo
Stakeholder Advisory Group

Thursday, February 12, 2009
Camp Navajo Security Building
Bellemont, AZ

Minutes

Members in attendance:

Shannon Clark, Coconino National Forest
Nicole Coronado, ADEQ
Shaula Hedwall, USFWS
Lee Luedeker, AGFD
Randy Wilkinson, NGB

Interested Parties:

LTC Pete Cullum, Camp Navajo
Diana Deming, ADEQ
Gavin Fielding, ADEMA
William Holbort, Camp Navajo
Carrie Marr, USFWS (by telephone)
Wayne Miller, ADEQ
MAJ Brian Saunders, NGB

Members absent:

Tom Britt, Community member
LTC Adrian Nagel, Camp Navajo
Kurt Novy, City of Flagstaff
Karen Underhill, Community member

Guests:

Dana Downs-Heimes, CH2MHill
Marty Rozelle, The Rozelle Group
Pat Wiegand, Brown & Caldwell

The following acronyms may be used throughout this document

ADEMA	Arizona Department of Emergency and Military Affairs
ADEQ	Arizona Department of Environmental Quality
AGFD	Arizona Game & Fish Department
AZARNG	Arizona Army National Guard
BRAC	Base Realignment and Closure
CDC	Contained Detonation Chamber
CERCLA	Comprehensive Environmental Response, Compensation, & Liability Act
CEHNC	Corps of Engineers Huntsville Engineering and Support Center
COPC	Contaminants of Potential Concern
DoD	Department of Defense
EDMS	Electronic Data Management System
EE/CA	Engineering Evaluation/Cost Analysis
ERA	Ecological Risk Assessment
FOASA	Former Open Air Storage Area
FRA	Final Removal Action
FSP	Field Sampling Plan
FWPDBA	Former White Phosphorous Detonation and Burn Area (Chemical Canyon)
HHRA	Human Health Risk Assessment
IAP	Installation Action Plan
IRA	Interim Removal Action
IRP	Installation Restoration Program
HERA	Human Health & Ecological Risk Assessment
LTM	Long Term Management
MAP	Management Action Plan
MC	Munitions Constituents
MD	Munitions Debris
MEC	Munitions and Explosives of Concern

MPPEH	Munitions Potentially Presenting and Explosive Hazard
MRA	Munitions Response Area
MRS	Munitions Response Site
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
ORS	Ordnance Related Scrap
PBC	Performance Based Contract
PCP	Post Closure Plan
ppb	parts per billion
QA	quality assurance
QAPP	Quality Assurance Project Plan
QC	quality control
RCRA	Resource Conservation and Recovery Act
RC	Response Complete
RI/FS	Remedial Investigation/Feasibility Study
RIP	Remedy in Place
ROD	Record of Decision
SAG	Stakeholder Advisory Group
SRL	soil remediation level
SSHP	Site Safety and Health Plan
TPP	Technical Project Planning
USACHPPM	U.S. Army Center for Health Promotion and Preventive Medicine
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
WMM	Waste Military Munitions

1. *Welcome, Introductions and Announcements*

Lee Luedeker welcomed everyone to the meeting and asked them to introduce themselves. Coconino County Supervisor Matt Ryan agreed to fill the vacant community member spot on the SAG.

All presentations at this SAG meeting are posted, along with these minutes, on the two project websites. <http://www.CampNavajoEnvironmental.org>
<http://www.azdeq.gov/envIRON/waste/sps/state.html>.

2. *Munitions Safety Awareness*

Randy Wilkinson discussed the munitions safety awareness program that DoD has initiated. Because a lot of munitions' sites across the country are on lands that are unfenced and uncontrolled, the DoD developed the "Recognize, Retreat, and Report" program focused on public audiences. Camp Navajo, as a federal installation, is an access-controlled facility. Our primary concern is for employees, the military units which come to train, hunters, recreationists, and other agency resource managers, e.g. USFWS and AGFD. CH2MHill prepared educational materials, including posters, brochures, and a PowerPoint presentation.

3. Vadose (unsaturated area) Zone Monitoring

Dana Downs-Heimes, CH2MHill, discussed the vadose zone monitoring program at MRWA02. The vadose zone is the area lying between the earth's surface and the water table. Twenty shallow wells have been installed and will be monitored for infiltration of precipitation to assess the potential for migration of munitions constituents in the vadose zone. The first monitoring event is planned for late February. The wells will be sampled once during two periods: February through May and June through September. Samples will be collected in each of these periods the first time that sufficient water is available. The primary Contaminants of Potential Concern (COPCs) are: perchlorate and explosives. The secondary COPCs are: nitrate, semi-volatile organic compounds, and metals.

4. NAAD 02 and 09C Removal Actions

Pat Wiegand, Brown and Caldwell, updated the group on the NAADs 02 and 09C removal actions. The removal action is complete. The main focus this Spring is on management of on-site soil.

Preliminary activities for on-site soil management include:

- Site mobilization
- MEC surface clearance
- Equipment set-up
- Construction of staging areas
- Construction of storm water controls
- Dust control implementation during field activities

The on-site soils will be excavated and screened in 500 cubic yard batches with MEC QA/QC Inspections. Once analytical results show soils are acceptable for placement in pits, they will be transferred to designated OD pits. Sampling and analysis of soil underlying the stockpiles will be completed and the sites will be restored. Carrie Marr requested that the USFWS be allowed to observe on the days when soil is being moved. A field trip in conjunction with the June SAG meeting was suggested.

Lee Luedeker said that there is a prairie dog community in the area. He wants to be sure the contour on the OD pits will have enough crown to eliminate standing water. .

5. OB/OD Area Program Update

MAJ Brian Saunders, OB/OD Area Program Manager, provided an OB/OD Area Program Update. MAJ Saunders announced that his tour of duty at Camp Navajo will end in August 2009. Since the OB/OD Area closure process is nearing the end, the Camp Navajo position will not be replaced, but MAJ Saunders or another NGB program manager will continue to monitor the project from NGB Headquarters. Randy Wilkinson will remain, and will expand his responsibilities as the Western Region IRP Manager as Camp Navajo activities decrease. Ultimately the NGB will leave Camp Navajo, and the remaining environmental management responsibilities will revert back to AZARNG. The plan is to give AZARNG a five-year lead time before they must assume funding and management responsibilities.

Site Closure Status: The following table summarizes the status of all sites as of February 12, 2009. Items in red are changes since the October 2008 SAG meeting.

Site	Type	Contractor	Fieldwork	RI/RSE	HHRA	ERA	DD/PP	DD
01	CERCLA	MKM	Complete	Final	___	Final	Done	Draft
02	RCRA	B&C	Complete	Final	Future	Future	Future	Future
03	CERCLA	B&C	Complete	Final	___	Final	Done	Draft
04	CERCLA	MKM	Complete	Final	___	Final	Done	Draft
05	RCRA	AMEC	Complete	Final	Final	Final	Future	Draft
06	RCRA	AMEC	Complete	Final	Final	Final	Future	Draft
07	CERCLA	MKM	Complete	Final	Final	Final	Done	Draft
08A	CERCLA	MKM	Complete	Final	___	Final	Done	Draft
08B	RCRA	AMEC	Complete	Final	Final	Final	Future	Draft
09A	CERCLA	MKM	Complete	Final	___	Final	Done	Draft
09C	RCRA	B&C	Complete	Final	___	___	Final	ESD
09D	RCRA	AMEC	Complete	Final	___	Final	Future	Draft
10	CERCLA	MKM	Complete	Final	___	Final	Done	Draft
13	RCRA	B&C	Complete	Final	Final	___	Done	Draft
20	CERCLA	B&C	Complete	Final	Final	___	Future	Future
E76	CERCLA	MKM	Complete	Final	___	___	Done	Draft

MRWA	Type	Investigation	Removal	RI	EE/CA	PP	DD
01	CERCLA	Complete	Complete	Final	Draft	Future	Future
02	RCRA	Complete	Ongoing	Final	Draft	Future	Future
20	CERCLA	Complete	---	Final	Draft	Future	Future

Chemical Decision Documents

Decision Document has been completed for:

- NAAD 09C (an explanation of significant differences is in preparation)

DD's undergoing regulatory review:

- The seven OB/OD Area CERCLA Sites - Final
- NAAD 03 - Initial

DD's have been prepared for:

- The four OB Sites – Client Draft being reviewed by NGB
- NAAD 13– Client Draft being reviewed by NGB

DD's are being prepared for:

- The five “IRP LTM Sites” - March
- The 28 “IRP Buyout Sites” - May
- The 18 “IRP Non-Buyout Sites” - July

DD's will be prepared for:

- The seven “IRP Ineligible Sites”– Need to contract
- NAAD 02 – Need to contract
- Proposed Plans will be prepared for all

Munitions Related Decision Documents

Proposed Plan's and DDs are being prepared for:

- MRWA 20 and MRWA 01/02

Program schedule

Spring 2009

- Finalize EE/CA's
 - MRWA 20 (Draft Final)
 - MRWA 01 (Draft Final)
 - MRWA 02 (Client Draft under review by NGB)
- ESS Amendment to DDESB (at NGB Safety)
 - Note: ICM Waiver Amendment approved by DA Safety
- Finalize Work Plans
 - Soil Management Project and Vadose Zone
- Start Fieldwork
 - MRWA 02 MEC Surface Removal (End of March)
 - NAAD 02/09C Soil Management (Mid April)
- Prepare Proposed Plans/Decision Documents
 - MRWA 20 and 01/02

6. Next SAG meetings

Remaining SAG meetings in 2009 will be June 11 and October 8. The June 12th meeting will be an evening meeting with an afternoon field trip. Don Bills, a hydrologist with USGS, will be invited to discuss his work on the hydrogeology between Williams and Flagstaff.