



*Time Critical Removal Action (TCRA)*  
*Rocket Ridge Area of Open Demolition*  
*Area #2 (ODA2)*

Ravenna RAB Presentation

August 17, 2011



# SITE DESCRIPTION

- Rocket Ridge is a steep embankment along Sand Creek within Open Demolition Area #2 (ODA2) .
- ODA2 was used for detonation of munitions for demilitarization purposes.
- Rocket Ridge slope was used for disposal of the demilitarized munitions at ODA2; although not all munitions appear to have been completely demilitarized.
- Rocket Ridge was used during late 1940's to early 1950's.



# VIEWS OF ROCKET RIDGE SITE





# OBJECTIVES OF TCRA

- Remove all Munitions and Explosives of Concern (MEC) and Munitions Debris (MD).
- Remove all white phosphorus contaminated materials.
- Collect confirmation soil samples to verify removal.
- Restore the site.
- Prepare Removal Action Report (RAR) to describe in detail the actions taken to remove the MEC, MD and white phosphorus contamination at the site.



# EXCAVATION AND REMOVAL OF MAIN DUMP AREA - COMPLETED FEBRUARY 2011



- A total of 500 cubic yards removed from the Main Dump Area



# MEC AND MD REMOVAL OF EXCAVATED MATERIAL USING MAGNETIC SEPARATION PROCESS - COMPLETED APRIL 2011



- Initial processing Completed 4-13-11
- Removed a total of 2100 Material Designated as Explosive Hazard (MDEH) items requiring explosive venting for "Safe Certification"
- Removed a total of 20,000 lbs of MDEH items requiring thermal flashing for "Safe Certification"
- Removed 60,000 lbs of Material Designated as Safe (MDAS) items (i.e., MD scrap)
- 200 cubic yards of soil remain for reprocessing to remove primers.



# WHITE PHOSPHORUS (WP) REMOVAL OPERATIONS WITHIN FLOOD PLAIN AREA – (589 DRUMS TOTAL & 97 TOTAL M19 RIFLE GRENADES)





# MEC AND MD SURVEY OF SAND CREEK – COMPLETED 5 AUGUST 2011







# PROJECTED SCHEDULE FOR REMAINING TASKS

- Re-process the remaining soils from the Main Dump – August 2011
- Complete WP removal operations within the stream bed – August to September 2011
- Complete Confirmation sampling – September 2011
- Site Restoration – September to October 2011



# ROCKET RIDGE 2010 TCRA

- QUESTIONS?