



# **Community Meeting Former Sunflower Army Ammunition Plant**

2 May 2018

7:00 p.m.

De Soto City Hall



# Meeting Objectives

- To *provide* information and answer questions about Army Restoration Advisory Boards
- To *solicit* interest from the community in participating on a Restoration Advisory Board for cleanup actions at the Former Sunflower Army Ammunition Plant
- To *update* the community on the cleanup at the Former Sunflower Army Ammunition Plant
- To *provide* participants the opportunity to provide their feedback to the Army on what information they'd like to receive about the cleanup and how the Army can best communicate with them



# Restoration Advisory Boards

Goal: To *provide* information and answer questions about Army Restoration Advisory Boards



# Restoration Advisory Board

- **Handbook** – some copies available tonight, available for free download, search on RAB Rule Handbook
- **Fact Sheet** – available here
- **RAB Rule** – documented in the Federal Register May 12, 2006 and available for free download, search on RAB rule and look for the Federal Register entry



# RAB Purpose

- A RAB provides the community with the opportunity to become involved in the environmental restoration process either as a RAB member or participation at RAB/public meetings
- RABs offer members the opportunity to influence cleanup decisions through discussions and to provide input to the installation decision makers.
- Because representatives of the environmental agencies overseeing cleanup participate in the RAB, the RAB offers members and the public the opportunity to share their questions, concerns and ideas with agencies involved in the cleanup



# Do's and Don'ts

- RABs may review and comment on environmental restoration documents and activities
- RABs are used to provide information to community
- RABs receive input from the community
- RABs obtain information regarding the schedule, type and status of environmental restoration activities
- RABs may only address topics related to environmental restoration
- RABs may not address development or developer activities
- RABs are not a decision-making body



# RAB Solicitation

Goal: To *solicit* interest from the community in participating on a Restoration Advisory Board for cleanup actions at the Former Sunflower Army Ammunition Plant



# Do you want to establish a RAB?

- Posted in newspapers (Kansas City Star, Lawrence Journal World, Shawnee Dispatch, Gardner News, The Call, and DeSoto Edge between 22-30 April)
- Questionnaire (please fill out before you leave)
- If there is sufficient interest, Army will establish a RAB and meet with those interested to go over the process



# Community Update

Goal: To *update* the community on the cleanup at the  
Former Sunflower Army Ammunition Plant



# Timeline

- Installation listed excess in 1997 and transferred to Sunflower Redevelopment Limited Liability Corporation (SRL) in 2005.
- The 2005 transfer included approximately 9,065 acres of Sunflower property with \$109M contract funds and \$32M in kind consideration for SRL's remediation agreement and commitment to cleanup approximately 5,300 acres of SFAAP classified as potentially contaminated.
- SRL conducted cleanup until 2011, completing only a portion of the cleanup before the funding was expended.
- In 2015 the Army formally decided that Army management of cleanup responsibilities at SFAAP was best path forward to address Army obligations at the site.
- Since then, the Army has awarded five contracts valued at approximately \$66M to remediate the site.





# Army/RCRA Process

- RCRA Facility Assessment (**RFA**) – conducted by regulator (Kansas Department of Health & Environment) to identify solid waste management units and areas of concern
- RCRA Facility Investigation (**RFI**) – delineates nature and extent of contamination
- Corrective Measures Study (**CMS**) – evaluates alternatives
- Statement of Basis or Fact Sheet – documents the preferred alternative and solicits public comment
- Permit Modification/Response to Comments – documents decision
- Corrective Measures Implementation (**CMI**) – implements action
- Site Closeout - No Further Corrective Action Planned (**NFCAP**) – closes out the site



# Contracts

- Louis Berger Group was contracted to complete the development of RCRA documents, update or revise existing work plans and prepare studies to evaluate alternatives leading to creation of Army decision documents.
- AECOM was contracted to perform sampling investigations and prepare data reports of soils around various structures at selected sites.
- Zapata-ENVIROCON was contracted to perform explosive decontamination of inside sewer piping; environmental soils excavation, and foundation slab, sump, and subsurface foundations removal.
- Severson-USA (SES-USA) was contracted to perform work on outside sewer lines including excavation, removal, explosive decontamination and environmental remediation work underneath explosive sewers after the explosive hazards have been removed.



# Nitrocellulose Explosive Residue





# Current Status

- Of 95 sites, 3 have been closed and require no further action
- 57 sites are being worked on currently with work expected to be completed by 2022
- 35 sites remain with work not yet started – contracts will be put in place as funding is available
- Strategy:
  - Complete response site characterization
  - Prioritize explosive hazard and environmental cleanup to support stakeholder priorities
- Army expects to complete cleanup by 2028



# Sector C Site Summary (Zapata)

## General Overview of the Project Progress

- SWMU 8, 59, and 65 – North Acid; Laundry Facility; and Tank Farm
  - 5% physically complete (Work Plans approved, Pollution Prevention Controls Installed)
- SWMU 13 & 67 – South Acid Area
  - 100% physically complete
  - >1200 bank cubic yard soil removed; >7500 sq ft concrete removed; >100 linear feet of pipe removed
- SWMU 14 – Rocket Static Test Area
  - 5% physically complete (Work Plans approved, Pollution Prevention Controls Installed)
- SWMU 26 (East Half) – Single Base Propellant, Waste Water Settling Sumps
  - Significant progress; most Work Activity Designations (WADs) are >50% complete
  - Removed: >5,000 BCY soil; >201,500 sq ft concrete; >3,150 linear feet of sewer line pipe removed
- SWMU 26 (West Half) – Single Base Propellant, Waste Water Settling Sumps
  - 80% physically complete
  - >17,750 BCY soil removed; >86,500 sq ft concrete removed; >3,200 linear feet pipe removed
- SWMU 48 – Nitroguanidine Support Area
  - 100% Complete
  - Removed: >340 bank cubic yard soil; ~36,000 sq ft concrete; 90 linear feet inside sewer line
- AOC 5 – Cannon Range Tunnels (Facility 303)
  - 100% Complete
  - Removed: >225 cubic yard sand; >2,250 pounds of munitions debris; >650 ordnance items
- AOC-16 – NC Production Lines
  - 90% physically complete
  - >11,000 bank cubic yard soil removed; >425,500 sq ft concrete removed; >1,050 linear feet pipe removed



# Sector C Site Summary (Sevenson/USA)

## General Overview of the Project Progress

- SWMU-17 (Building Foundations & Inside Sewer Lines)
  - Preparatory Work Initiated on 23 April 2018
  - Removed: >500 bank cubic yards soil; >10,000 sq ft concrete; >100 linear feet inside sewer lines
- SWMU 17 (G Line)
  - Preparatory Work Initiated on 28 March 2018
  - 200 linear feet of outside piping removed
- AOC-16 (E Line Premix) – Nitrocellulose (NC) Production Lines
  - 100% physically complete
  - 3,734 linear feet piping removed requiring approximately 10,000 cubic yards excavation
- AOC-16 & SWMU 26E (E Line) – NC Production Lines
  - Removal 50% physically complete
  - Removed: 16,500 linear feet of outside piping
- AOC-16 & SWMU 26E (D Line) – NC Production Lines
  - Removal Work initiated on 8 Feb 2018
  - 17% physically complete
  - 3,540 linear feet of outside piping removed to date



# Document Progress Since June 2015

Document Type	Site Documents Completed
Rind Soil Data Summary Reports	15 Sites - Reports Final
RCRA Facility Investigation Work Plans	5 Sites - RFI Work Plans Final
Interim Corrective Measures Completion Reports	6 Sites - ICM Completion Reports Final
RCRA Facility Investigation/ Corrective Measure Study Reports	18 Sites - RFI/CMS Reports Final



# Feedback

Goal: To *provide* participants the opportunity to provide their feedback to the Army on what information they'd like to receive about the cleanup and how the Army can best communicate with them



# We need your feedback

- When should we meet again?
  - Stakeholder meeting is held annually
- More frequent updates can be provided by email
  - Please sign up if you are interested
- There will be some requirements for documents to be available for public review
  - We can notify you by email
- Information repository is available at:
  - Johnson County Public Library  
9875 West 87th Street, Overland Park, KS 66212



# Questions

- We are here to answer your questions
- You can also reach us later by emailing:  
[usarmy.jbsa.aec.mbx@mail.mil](mailto:usarmy.jbsa.aec.mbx@mail.mil)
- If you're not interested in a RAB but want to be updated on the status of the cleanup, you can sign up on our email notification list.