



Community Meeting Former Sunflower Army Ammunition Plant

17 July 2019

7:00 p.m.

De Soto City Hall



Meeting Objectives

- To *update* the community on the cleanup at the Former Sunflower Army Ammunition Plant
- To *provide* information and answer questions about last year's Army Restoration Advisory Board solicitation
- To *provide* participants the opportunity to offer 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



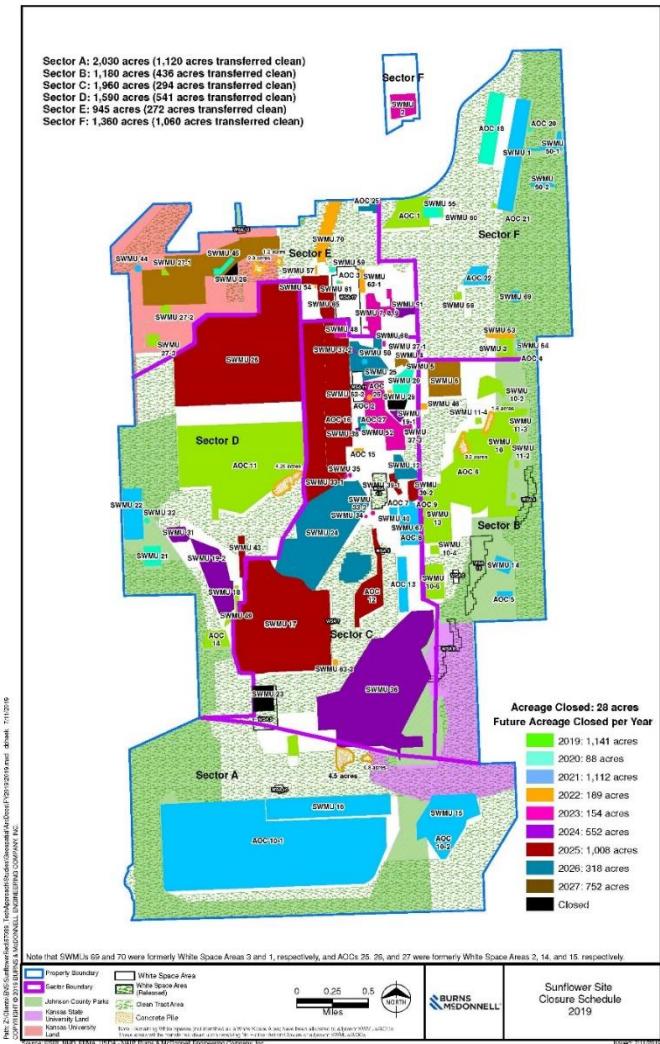
Community Update

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 Sunflower AAP 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 Sunflower AAP was best path forward to address Army obligations at the site.
- Since then, the Army has awarded seven contracts valued at approximately \$87M to remediate the site.



This map depicts the boundary of the former Sunflower AAP with the various response sites, solid waste management units and areas of concern in assorted colors. Clean areas/acres are colored light green; dark green areas are acres apportioned to Johnson County and light pink and light purple areas are acres apportioned to the various universities. Areas in white await further delineation based on the remediation completed at the adjacent response site.



Contracts

- Louis Berger Group (LBG) 2015 contract: Complete RCRA documents, update or revise existing work plans and prepare studies to evaluate alternatives for 27 sites. This documentation work has been completed. Three sites required limited confirmation samples of groundwater and a contract modification was recently issued.
- LBG 2017 contract: Conduct RCRA Field Investigations (RFI) and develop subsequent reports, alternatives, and Army Decision Documents for 5 sites. This work is 95% complete.
- AECOM 2015 contract: Perform sampling investigations and prepare data reports of soils around various structures at selected sites. This work has been completed.
- Zapata-ENVIROCON 2015 contract: Perform explosive decontamination of inside sewer piping; environmental soils excavation, and foundation slab, sump, and subsurface foundations removal. Fieldwork is complete and final reports are in progress.



Contracts (continued)

- AECOM 2018 contract: Develop work plans, conduct field investigations and develop subsequent reports, alternatives and Army Decision Documents for 13 sites. This work is 15% complete.
- Sevenson-USA (SES-USA) 2016 contract: 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. This work is 55% complete.
- CAPE Environmental 2018 contract: Perform RCRA Corrective Measures Implementation (CMI) at 21 sites, including removal of environmentally impacted soils and development of CMI Completion Reports. This work is 10% complete.
- Another contract for explosive residue decontamination of foundations and piping is currently being solicited and a multi-site Architect-Engineer (AE) task order is currently being procured to address RCRA fieldwork, reports, and/or decision document packages for 39 sites.



Nitrocellulose Bulk Explosive





Current Status (as of June 2019)

- Of 92 response sites tracked by the Army, 3 have been closed and require no further action (NFA) and were removed from the permit. An additional 4 sites are in final stages of NFA approval.
- 62 sites are being worked on currently with that work expected to be completed by 2023
- 23 sites remain with work not yet started; 13 of those sites will be contracted before the end of September 2019
- Strategy:
 - Complete response site characterization
 - Prioritize explosive hazard and environmental cleanup to support stakeholder priorities
- Army expects to complete cleanup by 2028



Zapata Contract Site Summary

General Overview of Contract Completions:

- Project Totals: 52,976 bank cubic yards removed; 833,867 Square Feet concrete removed; 10,250 linear feet of MEC piping removed
- Site Areas Completed for Non-Temporary Burn Pad Building Accounts:
 - SWMU 8, 59, 65 – North Acid; Laundry Facility; and Tank Farm
 - SWMU 13 & 67 – South Acid Area
 - SWMU 14 – Rocket Static Test Area
 - SWMU 26 (East Half) – Single Base Propellant, Waste Water Settling Sumps
 - SWMU 48 – Nitroguanidine Support Area
 - AOC 5 – Cannon Range Tunnels (Facility 303)
 - AOC 16 – NC Production Lines
 - ICM or MEC Completion Reports completed: AOC 5, SWMU 48, SWMU 13 & 67
 - ICM and MEC Completion Reports in progress: AOC 16, SWMUs 8, 14, 26, 59/65



Bldg 5900 - BEFORE



Bldg 2500 - BEFORE



Bldg 5900 - AFTER



Bldg 2500 - AFTER





Sevenson/USA Contract Site Summary

General Overview of the Project Progress

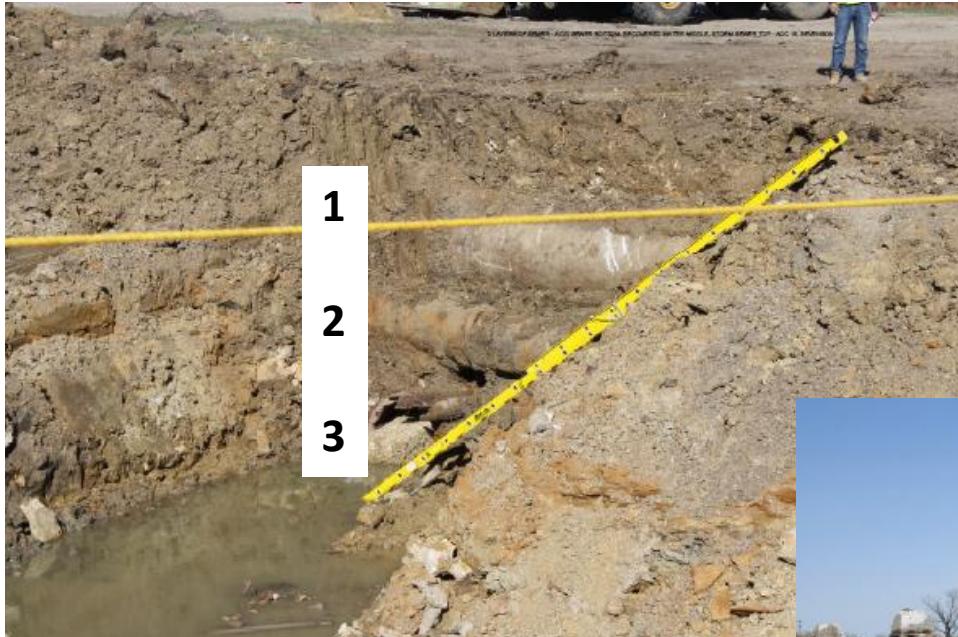
- Building Foundations & Inside Sewer Lines (SWMU 17)
 - Removed: >6,000 bank cubic yards of contaminated rind soil
- G Line Production Piping (SWMU-17)
 - 99% physically complete
 - 7,238 linear feet of outside piping actual removal versus estimated 7,113 linear feet
- D Line, E Line, and E Line Premix Piping (AOC 16 & SWMU-26E)
 - 63% physically complete
 - 34,516 linear feet of estimated 54,991 outside piping removed



Sevenson/USA Contract Site Summary

General Overview of the Project Progress (continued)

- B Line and C Line Piping (AOC 16, SWMU-26E, and SWMU-48)
 - 36% physically complete
 - 15,071 linear feet of estimated 42,431 outside piping removed
- Solvent Propellant Finishing Area Piping (SWMU-26W)
 - 46% physically complete
 - 19,392 linear feet of estimated 41,920 outside piping removed
- Removed a total of 76,216 linear feet of outside piping under this contract as of June 30, 2019



- 1. Storm sewer
- 2. Recovered Nitrocellulose water
- 3. Acid sewer



Deep acid sewer trench
after pipe removal between
AOC16 and Pond A





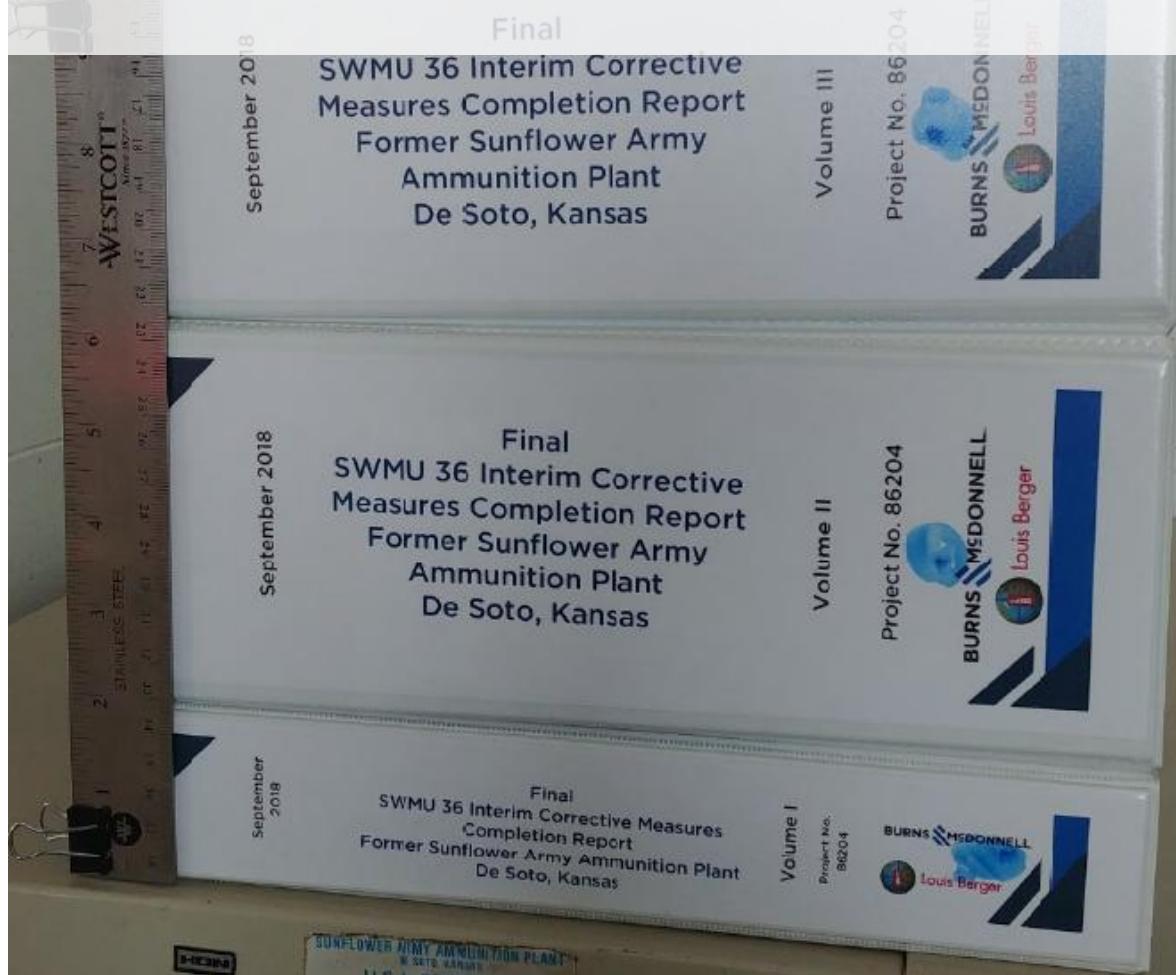
Document Progress

June 2015 – May 2018

Document Type	Site Documents Completed
Rind Soil Data Summary Reports	15 Sites - Reports Final
Army Decision Documents or No Further Corrective Action Planned	1 Site – DDs and NFCAPs 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



Sample Report/Document



All documents are not created equal



Document Progress

June 2018 – June 2019

Document Type	Site Documents Completed
Army Decision Documents or No Further Corrective Action Planned	10 Sites – DDs or NFCAPs Final
RCRA Facility Investigation Work Plans	3 Sites - RFI Work Plans Final
Interim Corrective Measures Completion Reports	3 Sites - ICM Completion Reports Final
RCRA Facility Investigation/ Corrective Measure Study Reports	4 Sites - RFI/CMS Reports Final



Questions on Progress



Restoration Advisory Boards

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



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



RAB Solicitation

- Posted in newspapers April 2018 (Kansas City Star, Lawrence Journal World, Shawnee Dispatch, Gardner News, The Call, and De Soto Edge)
- Received 21 requests for community interest forms; 14 were completed and returned: 6 from city, county and state officials; 8 from community members
- Based on response; there is insufficient interest in forming a RAB. Based on attendance at this meeting; the Army will re-solicit if the community feels it is warranted
- The Army will continue to hold annual meetings and additional public meetings as required (or upon request of regulators or community leaders)



Former Sunflower AAP Website

- At the 2018 meeting, community members suggested the Army establish a website to provide updates on the cleanup
- The website has been established as a subset of the Army Environmental Command website:
<https://aec.army.mil/index.php/sfaap>
- Last year's meeting presentation is on the site and this year's will be added
- We still need your feedback if there is additional information about the cleanup or Army environmental restoration in general that would be helpful if included



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



END OF PRESENTATION

Questions

- We are here to answer your questions
- You can also reach us later by emailing:
usarmy.jbsa.aec.mbx@mail.mil
- If you want to be updated on the status of the cleanup, you can sign up on our email notification list.