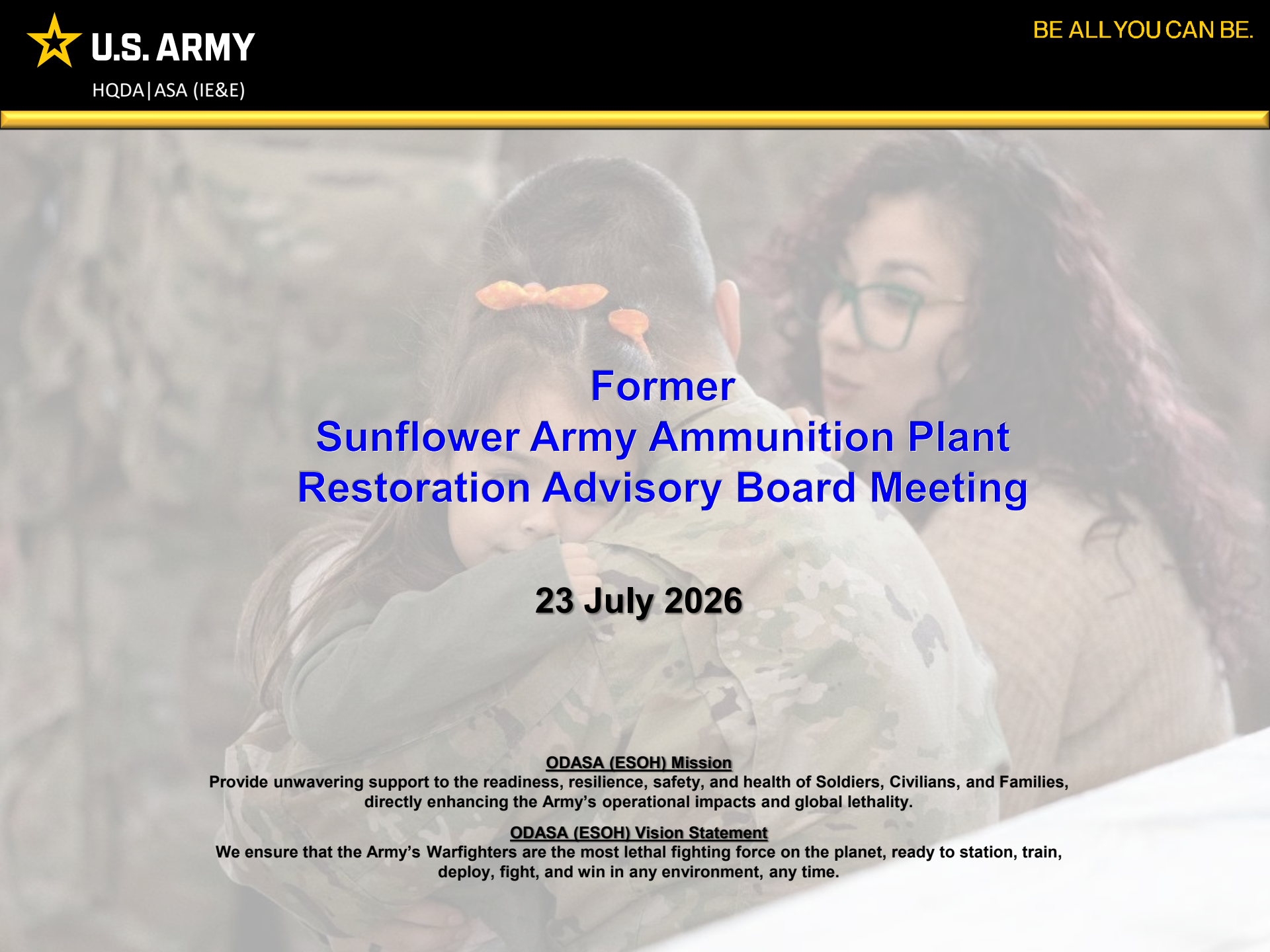




Former Sunflower Army Ammunition Plant Restoration Advisory Board Meeting

23 July 2026

ODASA (ESOH) Mission

Provide unwavering support to the readiness, resilience, safety, and health of Soldiers, Civilians, and Families, directly enhancing the Army's operational impacts and global lethality.

ODASA (ESOH) Vision Statement

We ensure that the Army's Warfighters are the most lethal fighting force on the planet, ready to station, train, deploy, fight, and win in any environment, any time.

- **Old Business**
 - Approve April RAB Meeting Minutes
- **New Business**
 - Next RAB Meeting (Date and Time)
 - **October 22 at 6:00 p.m.**
- Environmental Update
- Agenda for the next RAB meeting
- Questions from the RAB
- Questions from the public
- Close the meeting



- **Approve April RAB Meeting Minutes**
 - Edits
 - Approval

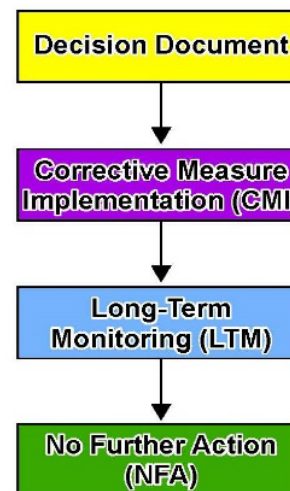
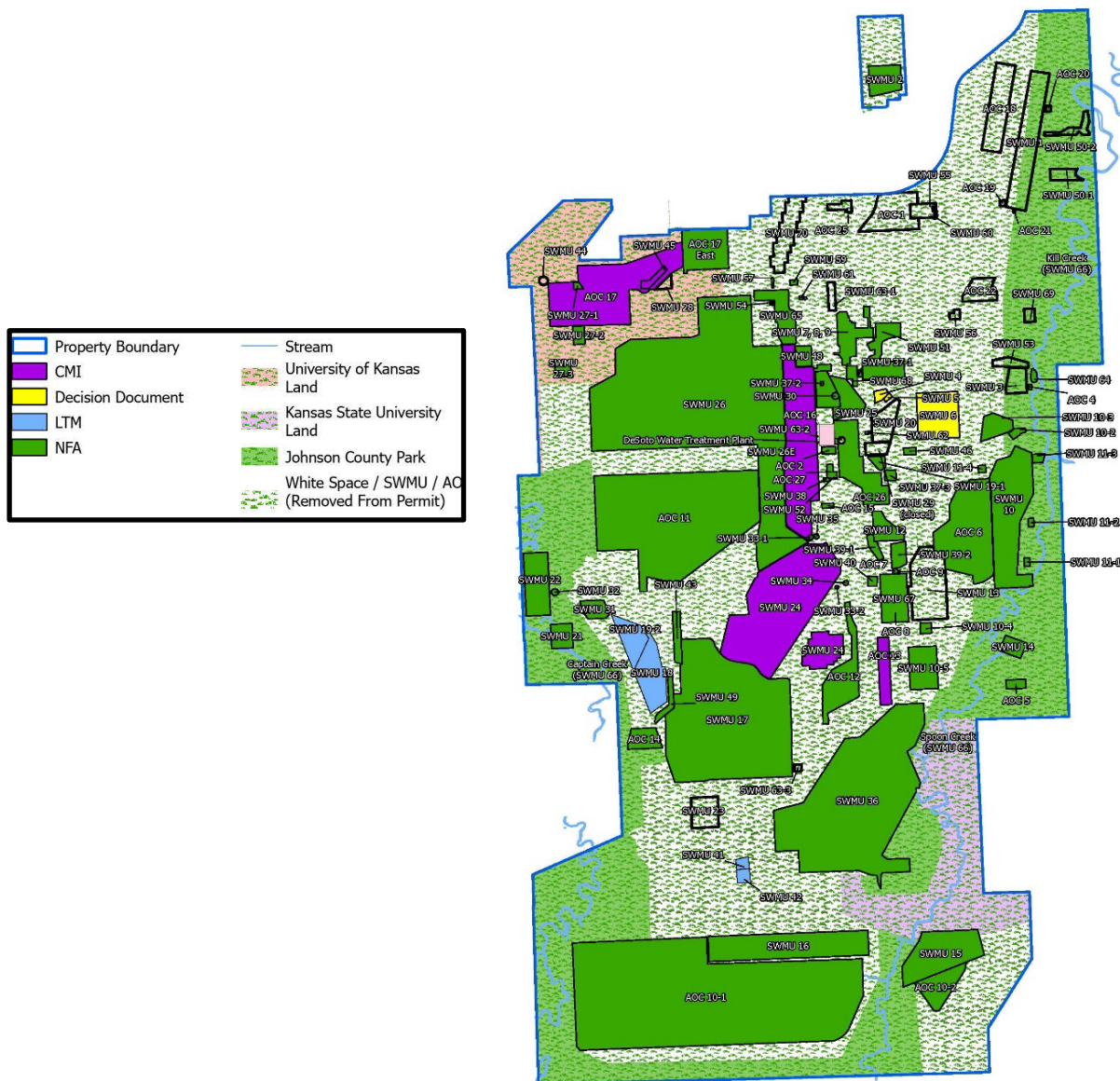


- **Next RAB Meeting**

- Back on the planned schedule of the 4th Thursday of the 1st month of the quarter.
- **October 22, 2026, at 6:00 PM**



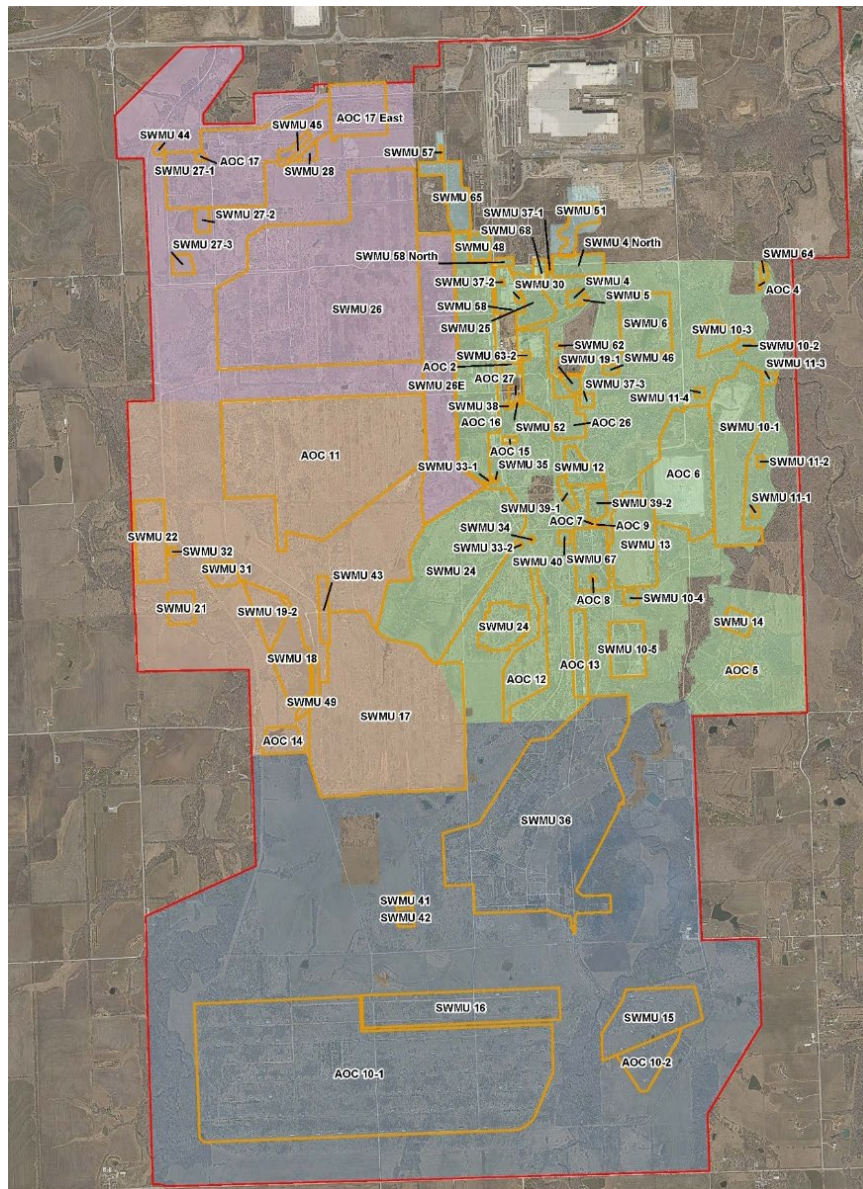
Environmental Update-Former SFAAP Sites



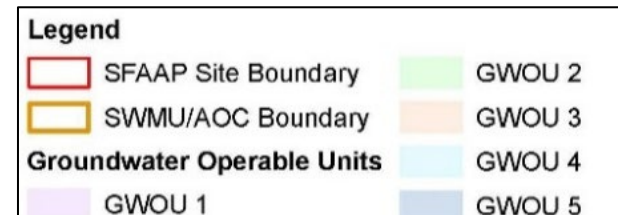
Site Wide Groundwater



Environmental Update - Groundwater



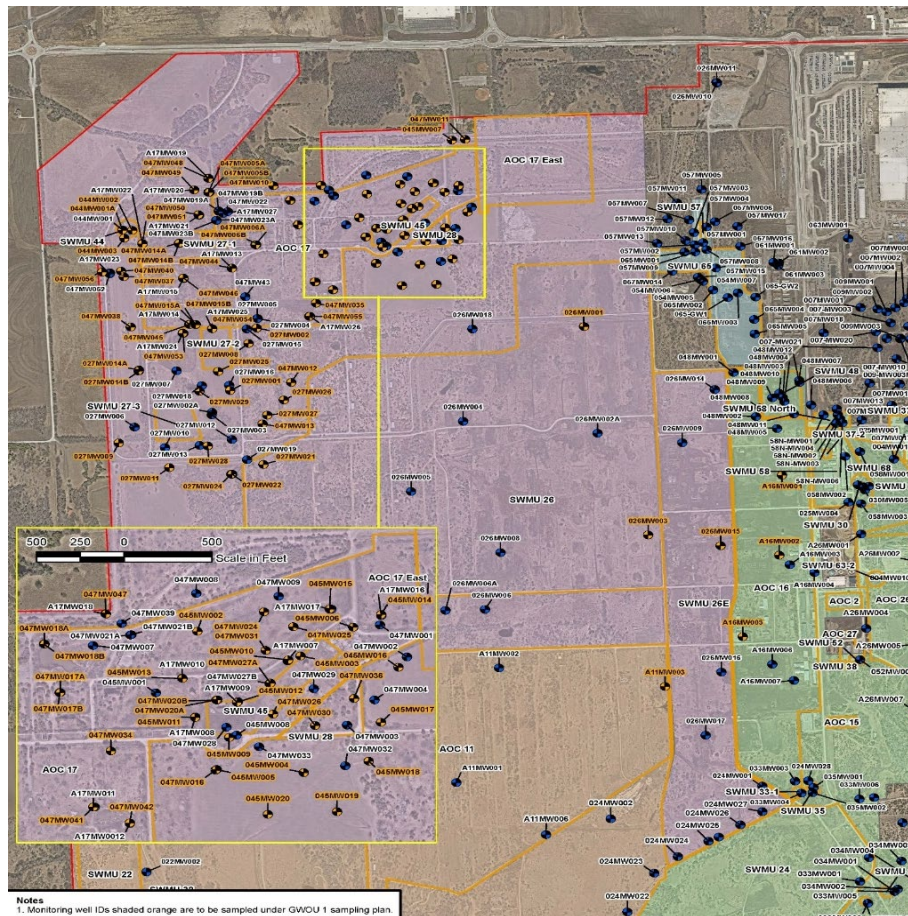
Groundwater Operable Units (GWOU)



Environmental Update - Groundwater

GWOU1 - Wells

- We tested groundwater at 76 locations across GWOU1.
- Levels of Nitrite and petroleum/fuel byproducts (TPH-MRH) were below residential limits everywhere tested.
- Some detections in Nitrate, fluoride, total chromium, hexavalent chromium, and Nitroguanidine concentrations exceeded their respective residential TMCLs in one or more AOC 17 and SWMUs 45 & 47 monitoring wells.
- Only one groundwater sample collected from SWMU 27 monitoring wells exceeded its residential TMCL.
- Two groundwater samples collected from SWMU 26 monitoring wells exceeded residential TMCLs for hexavalent chromium: 0.00112 ppm at 026MW001 and 0.0126 ppm at A11MW003.
- No detections were seen at concentrations greater than residential TMCLs at the SWMU 44 monitoring well sampled.
- **It is recommended that groundwater sampling at GWOU 1 be considered complete:**
 - Areas with exceedances have been clearly defined and are not migrating off-site.
 - An Environmental Use Control Agreement between SRL and KDHE was executed on October 30, 2025, which prohibits the use of groundwater beneath the former SFAAP preventing human exposure.

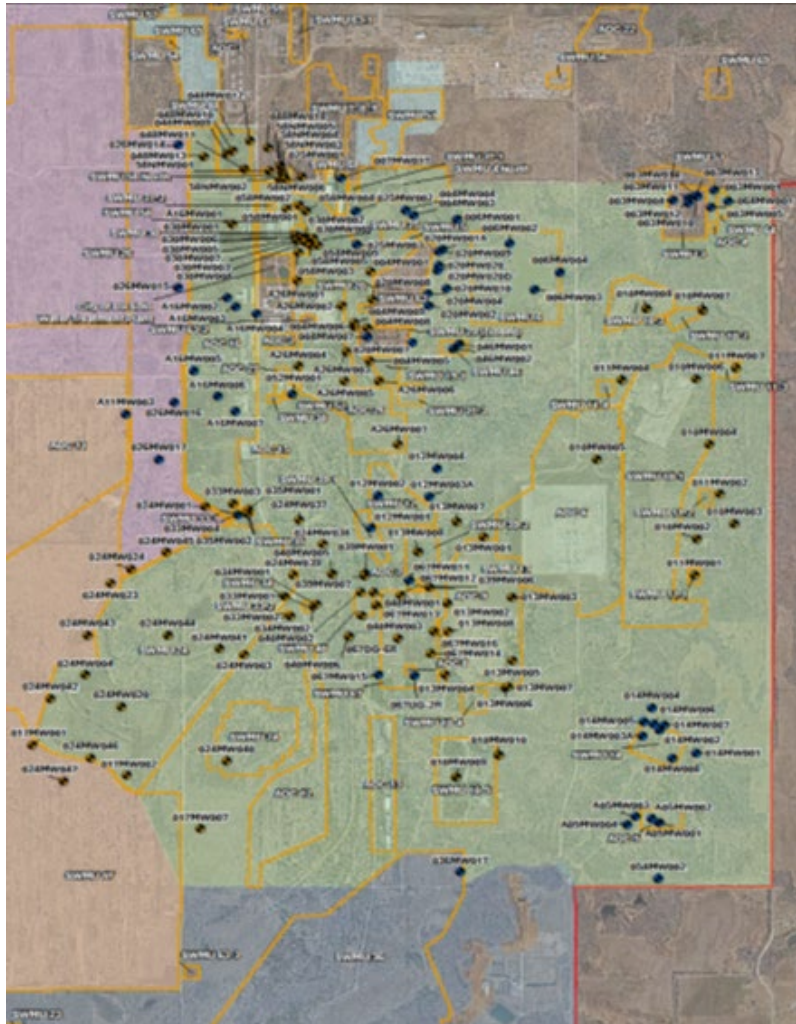


Legend

- Monitoring Well to be Sampled
- Existing Monitoring Well
- SFAAP Site Boundary
- SWMU/AOC Boundary
- GWOU 1
- GWOU 2
- GWOU 3
- GWOU 4



Environmental Update - Groundwater



LEGEND

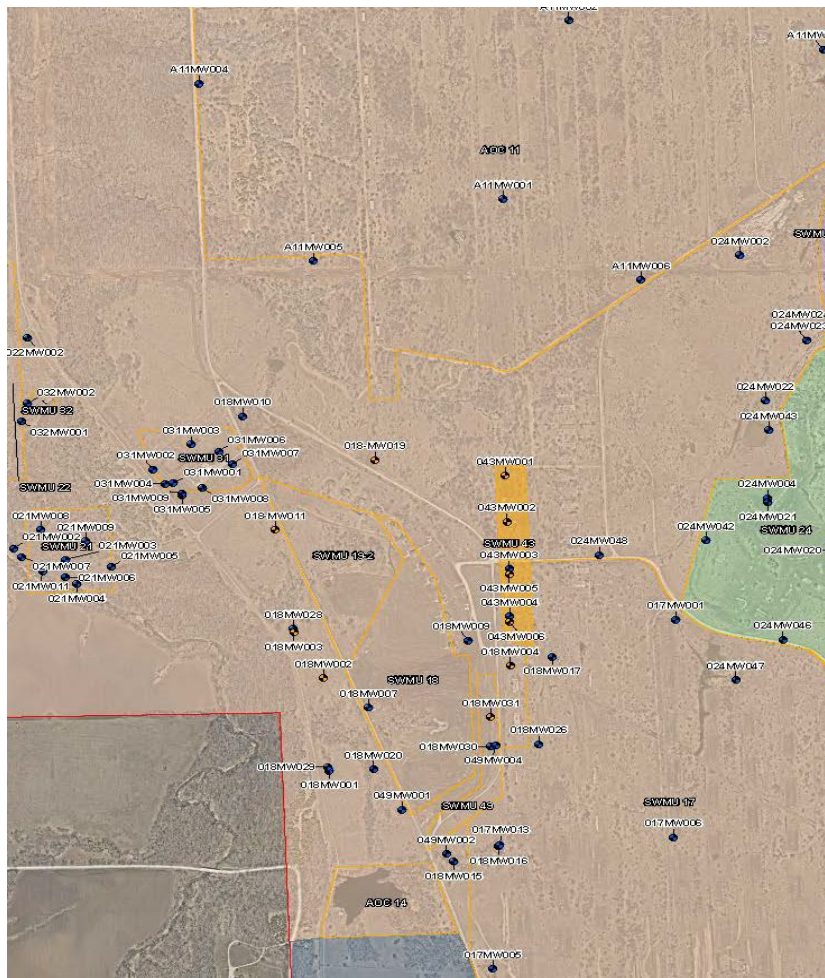
- GWOU 2 Investigative Well
 - Existing Monitoring Well
 - GWOU 1
 - GWOU 2
 - GWOU 3
 - GWOU 4
 - GWOU 5
 - SWMU/AOC Boundary
 - SFAAP Site Boundary
- ABBREVIATIONS**
- AOC - Area of Concern
 - GWOU - groundwater operable unit
 - SWMU - Solid Waste Management Unit

GWOU 2 - Monitoring Wells

- We installed 15 new monitoring wells in SWMU 10, SWMU13, SWMU 30, SWMU 40, SWMU 48, and SWMU 58.
- We tested groundwater at 78 different locations across GWOU2.
- Some detections in dissolved cobalt, total and dissolved manganese, hexavalent chromium, fluoride, nitrate, and sulfate exceeded the respective residential TMCLs at one or more monitoring wells at one or more GWOU 2 AOCs or SWMUs
- **It is recommended that groundwater sampling at GWOU 2 be considered complete and a request for NFCAP be submitted for GWOU 2.**
- Areas with exceedances have been clearly defined and are not migrating off-site.
- An Environmental Use Control Agreement between SRL and KDHE was executed on October 30, 2025, which prohibits the use of groundwater beneath the former SFAAP preventing human exposure.



Environmental Update - Groundwater

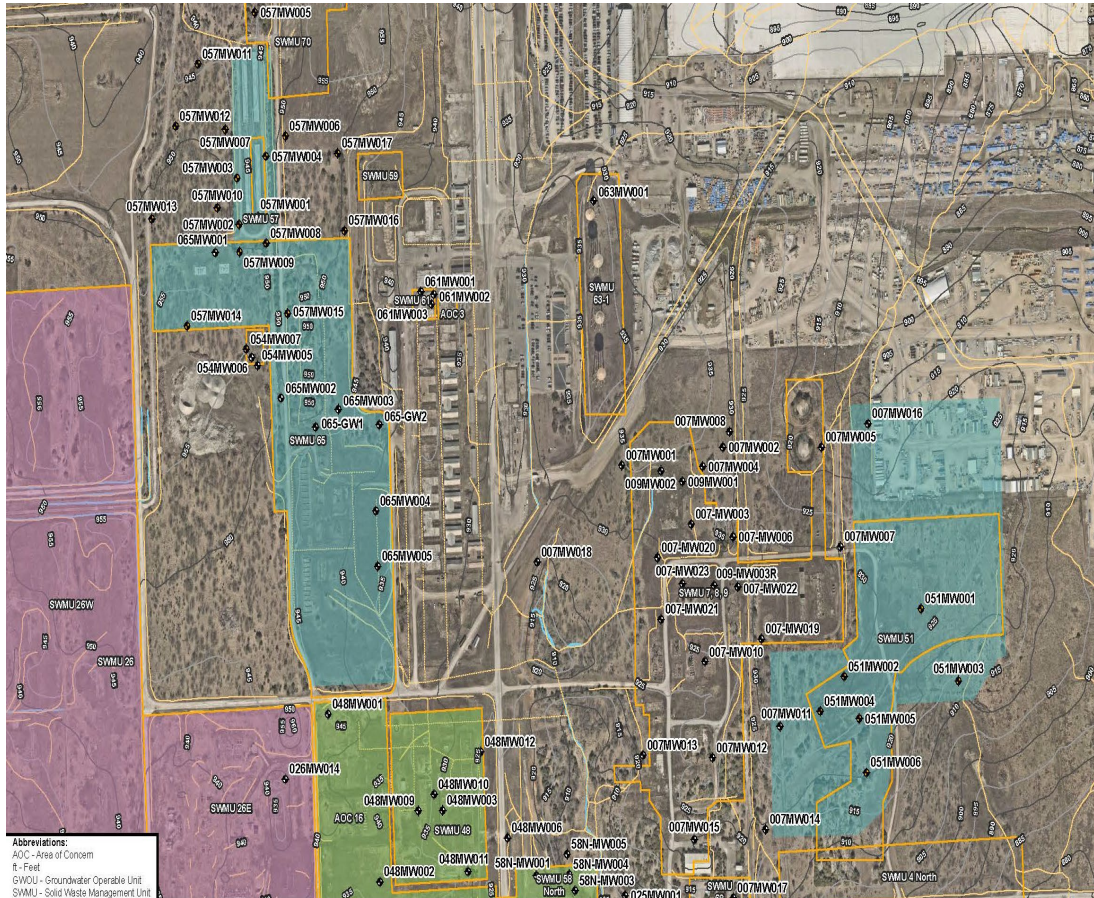


GWOU 3 - Monitoring Wells

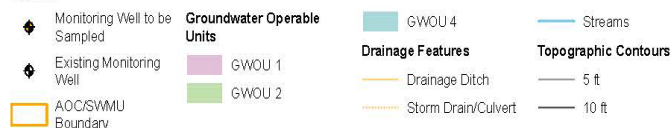
- We tested groundwater at 10 monitoring wells across SWMU 43 and SWMU 18.
- No concentrations above residential TMCLs were detected in SWMU 43 monitoring wells for GN, nitrite, and total chromium.
- SWMU 18 Monitoring Well 018MW004 and Monitoring Well 018MW031 samples exceeded the nitrate residential TMCL. Groundwater in Monitoring Well 018MW002 samples exceeded the hexavalent chromium residential TMCL.
- It is recommended that groundwater sampling at GWOU 3 be considered complete and a request for NFCAP be submitted for GWOU 3.**
 - NFCAPs have been submitted for soil and groundwater at AOC 11, AOC 14, SWMU 21, SWMUs 22 and 32, and SWMU 49 and have been approved by KDHE.
 - Comprehensive RFIs have been completed at SWMU 17 and SWMU 31 and no further groundwater investigation recommendations provided in their respective RFI/CMS reports have been approved by KDHE.
 - SWMUs 18 and 19 require on-going long-term groundwater monitoring under a long-term monitoring program associated with KDHE Landfill Permit #340 (or equivalent).
 - An Environmental Use Control Agreement between SRL and KDHE was executed on October 30, 2025, which prohibits the use of groundwater beneath the former SWAAP preventing human exposure.



Environmental Update - Groundwater



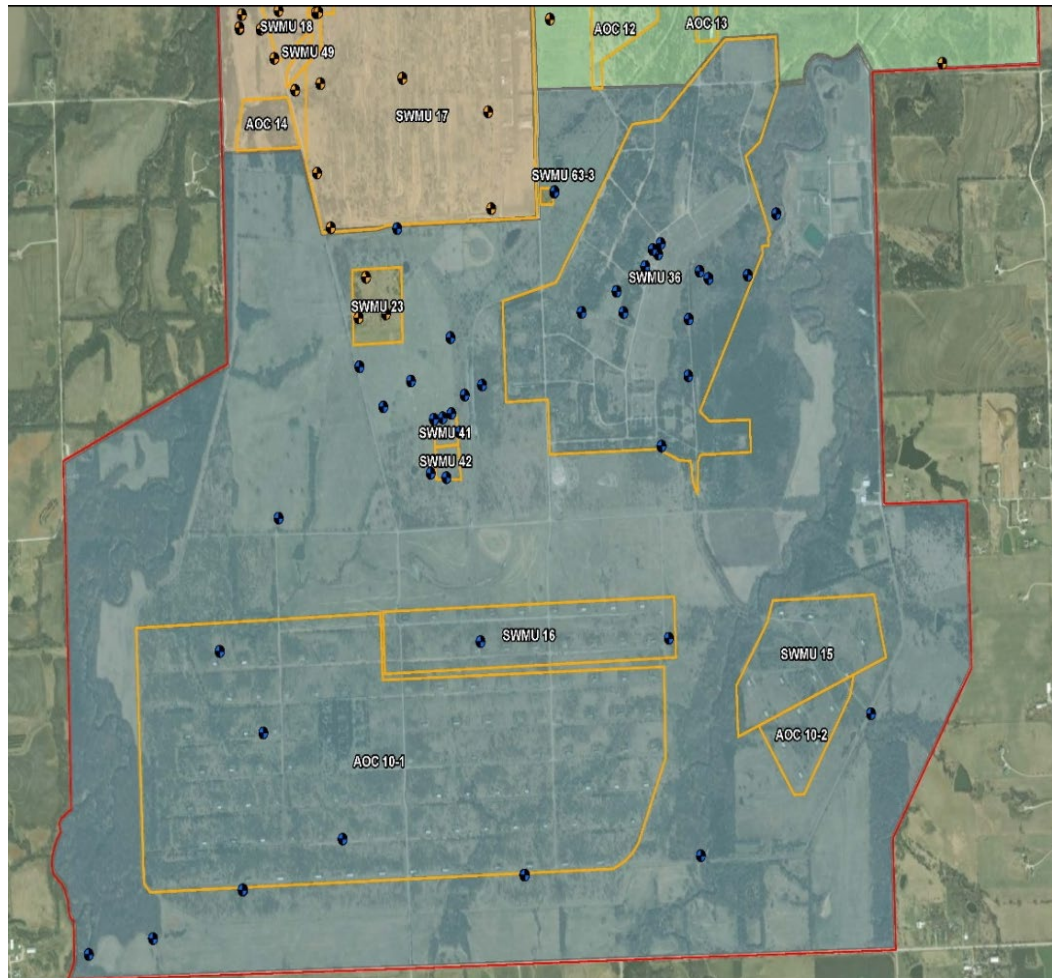
Legend



GWOU 4 – Data Summary Results

- It is recommended that groundwater sampling at GWOU 4 be considered complete and a request for NFCAP be submitted for GWOU 4.
- Sampling is complete and showed exceedances are delineated and bound by clean wells.
- An Environmental Use Control Agreement between SRL and KDHE was executed on October 30, 2025, which prohibits the use of groundwater beneath the former SFAAP preventing human exposure.

Environmental Update - Groundwater

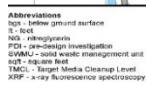


GWOU 5 - Monitoring Wells

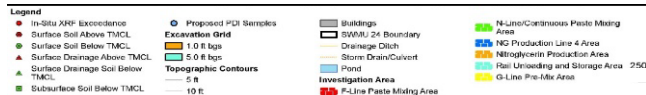
- **No Further Corrective Action Planned is recommended for GWOU5 based on:**
- Groundwater wells at SWMU 36 were sampled twice. Total lead and total arsenic exceeded residential TMCLs; while dissolved concentrations did not. Total manganese and dissolved manganese exceeded residential TMCLs.
- SWMUs 15, 16, and AOC 10, dieldrin was detected. The source is attributed to historical pesticide application which does not require investigation under Kansas House Bill 2169, provided the property remains designated for nonresidential use.
- SWMU 41/42 will be removed from GWOU5 boundary but will remain in the RCRA Permit until a new solid waste permit is in place.
- An Environmental Use Control Agreement between SRL and KDHE was executed on October 30, 2025, which prohibits the use of groundwater beneath the former SFAAP preventing human exposure.



Environmental Update – SWMU 24



- Soil contamination identified at **19 locations**.
- Excavations and off-site disposal are **complete**.
- The Corrective Measure Implementation Report is with the State for review.
- Contaminants of Concern (COC) for soil: **Arsenic and Lead**



Environmental Update – SWMU 17

SWMU 17 – Corrective Measure

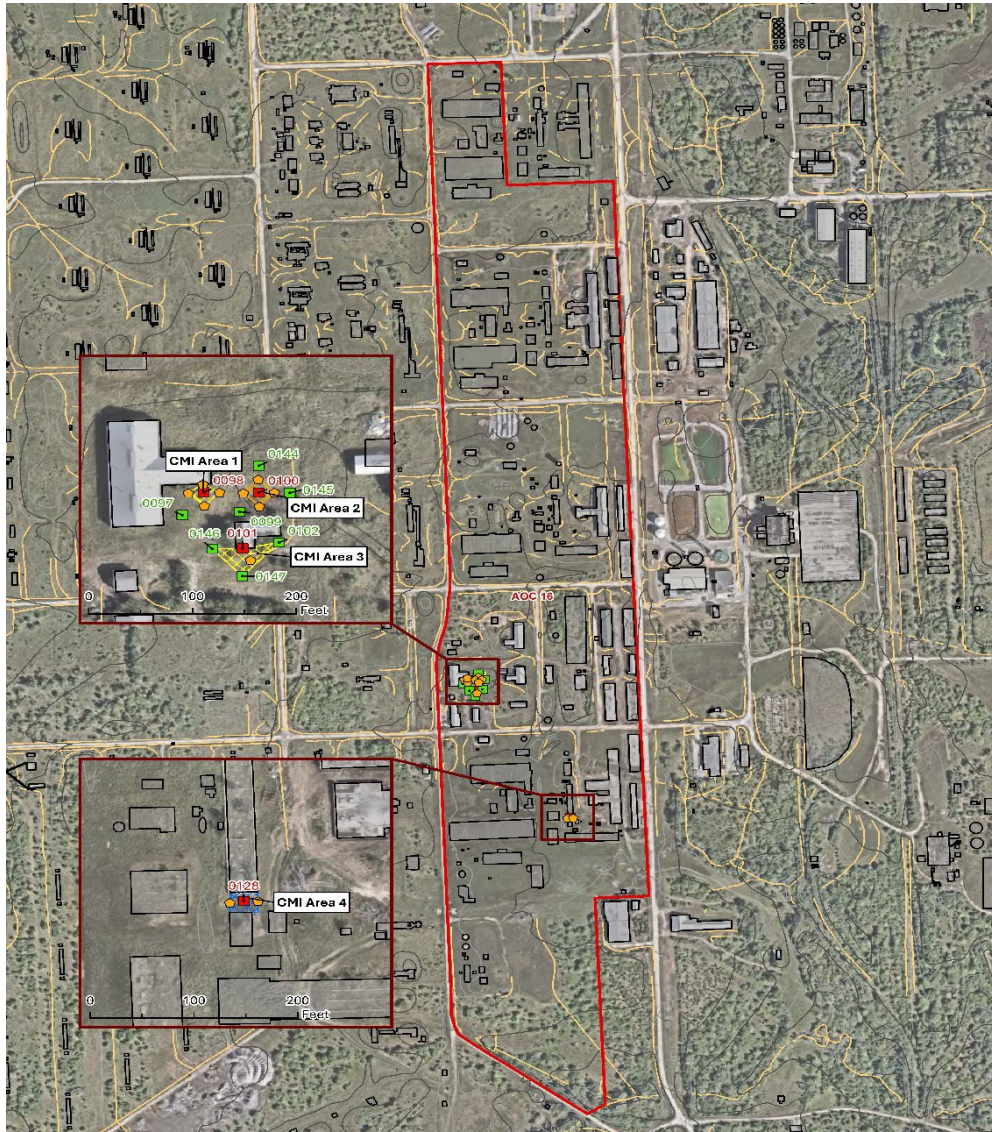
- Contaminants of concern:
Arsenic
- Excavation and off-site disposal are **complete**
- The Corrective Measure Implementation Report is with the State for review



Legend

- | | | |
|---|--------------------------------|-----------------------------|
| Proposed Post-Excavation Confirmation Sample Location (Burns & McDonnell) | Soil Sample Below TMCL (AECOM) | Topographic Contours |
| Proposed Pre-Excavation Delineation Sample Location (Burns & McDonnell) | Potential Excavation to 12" | 5 ft |
| Soil Sample Above (AECOM) | Buildings | 10 ft |
| | AOC/SWMU Boundary | Drainage Features |
| | | Drainage Ditch |
| | | Storm Drain/Culvert |





Area of Concern (AOC) 16 – Corrective Measure

- Contaminants of Concern:
Mercury, Lead, Arsenic
- Excavation and off-site disposal of the CMI areas are **complete**
- Laboratory building remediation still **in progress**

Environmental Update – Remaining Tasks

Remaining Environmental Tasks at SFAAP

- **Corrective Measures**

- AOC 16 Corrective Measure ---SRL
- SWMU 65 Corrective Measure --- SRL
- SWMU 26 Corrective Measure---SRL
- AOC 17 Sump Removal 2nd half---Army
- SWMU 17 Corrective Measure---SRL
- SWMU 4,5, and 6 Corrective Measure---Army
- SWMU 24 Corrective Measure---SRL

- **Investigations**

- PFAS-Army

- **Long Term Monitoring**

- SWMU 18/19 ---Army
- GWOU1, GWOU2, GWOU3, GWOU4, and GWOU5 no further action is recommended



- **October 2026 Agenda**

- Discussion



Questions and Contact Information

Army Environmental Command:

Email for Public Affairs Officer: Usarmy.jbsa.imcom-aec.mbx.public-mailbox@army.mil

Website: <https://aec.army.mil/sfaap>



Where To Find The Administrative Record:

Sunflower Army Ammunition Plant

10988 Astra Pkwy

De Soto, KS 66018

Scott.e.smith138.civ@army.mil

(202) 815-6779

Future RAB meeting dates will be posted on the AEC website.

