

**WATER WELL RECORD (WWC-5)**

KOLAR DOC ID \_\_\_\_\_ WELL ID \_\_\_\_\_  
 Original Record      Correction      Change in Well Use

**LOCATION OF WATER WELL**

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

**WATER WELL OWNER**

Name	
Business	
Address	
Well location  at owner's address	

**WELL WATER USE**

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**COMPLETION**

Depth of completed well: _____ ft.
Depth(s) groundwater encountered: (1) _____ ft.; (2) _____ ft.; (3) _____ ft.; (4) dry well
Static water level in well: _____ ft. measured below land surface on (mm/dd/yy): _____ measured above land surface on (mm/dd/yy): _____
Estimated yield: _____ gpm
Water level was: _____ ft. after _____ hours pumping _____ gpm
Pump installed?    Yes    No
Water well disinfected?    Yes    No
Date disinfected (mm/dd/yy): _____
Aquifer, if known:

**NEAREST SOURCE OF POTENTIAL CONTAMINATION**

Source: _____
Distance from well: _____      Direction from well: _____
Source description: _____
Source: _____
Distance from well: _____      Direction from well: _____
Source description: _____
No potential source of contamination within 100 feet.

**CONSTRUCTION**

Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: _____ in.	
If casing height is less than 12 in. has a variance been approved?*    Yes    No	
*variance not required for monitoring or environmental remediation wells	
Casing type: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals: From _____ ft. to _____ ft.	
Slot size _____ unit _____	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
Gravel pack intervals: Gravel pack not used:    Gravel size _____ in	
From _____ ft. to _____ ft.	
Gravel pack not used:    Gravel size _____ in	
From _____ ft. to _____ ft.	

**PERMIT & ID NUMBERS (AS REQUIRED)**

DWR Application No.: _____
KDHE / EPA Project Code: _____
Site Name: _____
KDHE UIC Class V Form Completed:    Yes    No
County Permit:    Yes    No    Permit ID: _____
Lease Name & Well #: _____
# of boreholes: _____    # of dewatering wells: _____

**LITHOLOGIC LOG**

FROM	TO	LITHOLOGY INTERVALS

**COMMENTS**

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**CONTRACTOR'S OR LANDOWNERS CERTIFICATION**

This water well was    constructed    reconstructed    pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: _____.
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Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

**CLIENT** USACE-Kansas Dict District      **PROJECT NAME** Former Kansas Army Ammunition Plant  
**PROJECT NUMBER** 60656718      **SITE NAME** AOI01  
**DATE STARTED** 04/18/23      **COMPLETED** 04/18/23      **EASTING** 2273721.356      **NORTHING** 1563615.176  
**DRILLING CONTRACTOR** Environmental Works      **GROUND ELEVATION** 902.94 ft      **HOLE SIZE** 6 inches  
**DRILLING EQUIPMENT** Geoprobe 8150LS      **GROUND WATER LEVELS:**  
**DRILLING METHOD** Roto Sonic      **AT TIME OF DRILLING** ---  
**LOGGED BY** M Glinski      **CHECKED BY** N/A      **AT TIME OF SAMPLING** 7.24 ft / Elev 895.70 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0.0		100	GP		0.0 POORLY GRADED GRAVEL, (GP) 902.9	AOI01-02-SB-00-0.5	<p><b>Annular Seal</b> Top: 1 ft bgs Bottom: 8 ft bgs</p> <p><b>Filter Pack</b> Type: #2 Filter Sand Top: 8 ft bgs Bottom: 10 ft bgs</p> <p><b>Filter Pack</b> Type: #2 Filter Sand Top: 10 ft bgs Bottom: 20 ft bgs</p>
0.5			GP-GM		0.5 SILTY GRAVEL, (GP) gray (2.5Y 6/1), subangular, fine grained, dry, loose 902.4		
2.0			ML		2.0 SILT WITH SAND, (ML) very dark grayish brown (10YR 3/2), fine to medium grained, dry, medium stiff, non plastic 900.9	AOI01-02-SB-02-04	
5.0		100				AOI01-02-SB-05-07	
7.5					▼		
10.0		100	ML		10.0 SILT WITH SAND, (ML) very dark gray (10YR 3/1), dry, low plasticity 892.9		
12.5		100					
15.0							

ARNG SMART LOG 8.5X11\_V1 - GRAYLING-CANTONEMENT\_L\_MARGRETHE.GPJ - 08/10/23 11:00 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\KSAAP.GPJ

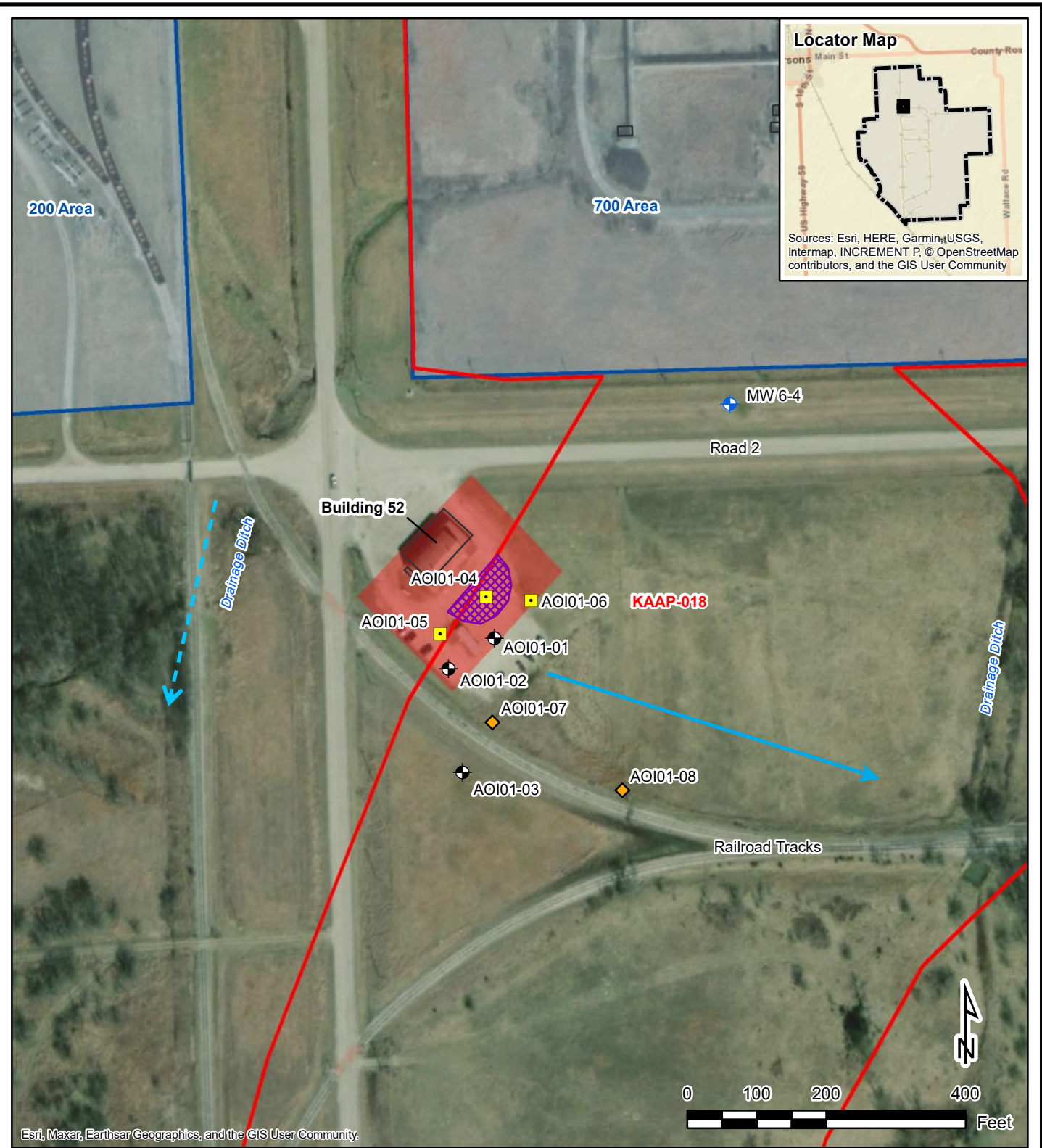
CLIENT USACE-Kansas Dict District PROJECT NAME Former Kansas Army Ammunition Plant  
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DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
15.0		100	ML		10.0 SILT WITH SAND, (ML) very dark gray (10YR 3/1), dry, low plasticity <i>(continued)</i>	892.9	<p><b>Backfill</b> Top: 20 ft bgs Bottom: 30 ft bgs</p>
			ML		16.0 SILT WITH SAND, (ML) grayish brown (2.5Y 5/2), dry, low plasticity	886.9	
17.5		100	ML		18.0 SILT WITH SAND, (ML) olive gray (5Y 5/2), moist, low plasticity	884.9	
20.0							
22.5							
25.0							
27.5							
30.0							












Bottom of borehole at 30.0 feet.

**Notes:**



Esri, Maxar, Earthstar Geographics, and the GIS User Community.

**Legend**

-  Installation Boundary
-  KSAAP Site
-  Production Area
-  AOI 1
-  Potential PFAS Release
-  Surface Water Flow Direction
-  Groundwater Flow Direction
- Proposed Sample**
-  Existing Permanent Monitoring Well
-  Soil Boring/Permanent Monitoring Well
-  Soil Boring
-  Sediment Sample

**Figure 17-1**

**Site Inspection  
Sample Locations**  
Former Kansas Army Ammunition Plant  
Parsons, Kansas

*Site Inspection Quality Assurance Project Plan*

**AECOM**

Project Number:  
60656718

Drawn By:  
JZ