

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:	Borehole diameter:
from _____ to _____ ft.	_____ 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: _____.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

BORING NUMBER AOI01-01

AECOM AECOM

TOTAL DEPTH 30 FT BGS
PAGE 1 OF 2

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** N/A **NORTHING** N/A
DRILLING CONTRACTOR Environmental Works **GROUND ELEVATION** N/A **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** ---

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

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0.0						
		100	GP		0.0 POORLY GRADED GRAVEL, (GP)	AOI01-01-SB-0.0-0.5
			ML		0.5 SILT, (ML) 10 % sand, dark grayish brown (10YR 4/2), fine grained, dry, medium stiff	
2.5						AOI01-01-SB-02-04
			ML		4.0 SILT WITH SAND, (ML) light brownish gray (10YR 6/2), fine grained, dry, medium stiff	
5.0		40	CL		5.0 LEAN CLAY WITH SAND, (CL) 30 % sand, gray with brown (10YR 6/1), fine to medium grained, dry, stiff	AOI01-01-SB-05-07
			CL		10.0 SANDY LEAN CLAY, (CL) 30 % sand, brown (7.5YR 5/3), fine to medium grained, dry, stiff, low plasticity	
12.5		100	ML		12.5 SILT, (ML) gray (5Y 6/1), dry, pulverized shale	
15.0						

(Continued Next Page)

BORING NUMBER AOI01-01

AECOM AECOM

TOTAL DEPTH 30 FT BGS
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CLIENT USACE-Kansas Dict District PROJECT NAME Former Kansas Army Ammunition Plant
PROJECT NUMBER 60656718 SITE NAME AOI01


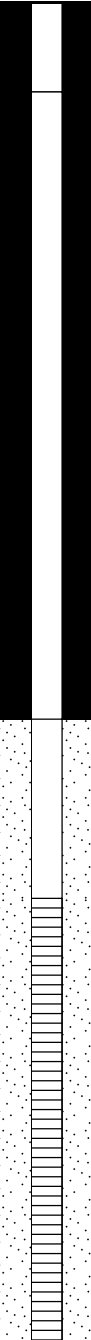



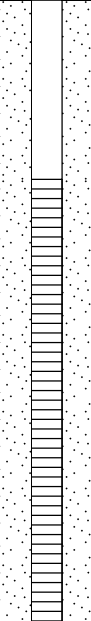
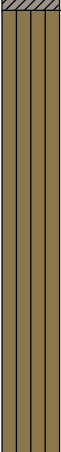
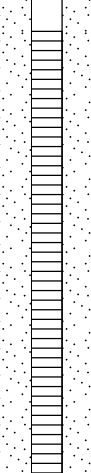
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DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
15.0		80	ML		15.0 SILT, (ML) light gray (N7), pulverized shale	
17.5						
20.0		100				
22.5						
25.0						
27.5						
30.0						

Bottom of borehole at 30.0 feet.

Notes:

CLIENT USACE-Kansas Dict District **PROJECT NAME** Former Kansas Army Ammunition Plant
PROJECT NUMBER 60656718 **SITE NAME** AOI01
DATE STARTED 04/20/23 **COMPLETED** 04/20/23 **EASTING** 2273791.378 **NORTHING** 1563610.872
DRILLING CONTRACTOR Environmental Works **GROUND ELEVATION** 902.54 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** 16.68 ft / Elev 885.86 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
		100	GP		0.0 POORLY GRADED GRAVEL, (GP) 902.5	 <p>Annular Seal Top: 1 ft bgs Bottom: 8 ft bgs</p>
			ML		0.5 SILT, (ML) 10 % sand, dark grayish brown (10YR 4/2), fine grained, dry, medium stiff 902.0	
2.5			ML		4.0 SILT WITH SAND, (ML) light brownish gray (10YR 6/2), fine grained, dry, medium stiff 898.5	
5.0		100	CL		5.0 LEAN CLAY WITH SAND, (CL) 30 % sand, gray with brown (10YR 6/1), fine to medium grained, dry, stiff 897.5	
7.5						 <p>Filter Pack Type: #2 Filter Sand Top: 8 ft bgs Bottom: 10 ft bgs</p>
10.0		100	ML		10.0 SILT WITH SAND, (ML) light olive brown (2.5Y 5/4), fine grained, dry, medium dense, Pulverized shale 892.5	
12.5		100				 <p>Filter Pack Type: #2 Filter Sand Top: 10 ft bgs Bottom: 20 ft bgs</p>
15.0						

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WELL NUMBER AOI01-01A

AECOM AECOM

TOTAL DEPTH 30 FT BGS
PAGE 2 OF 2

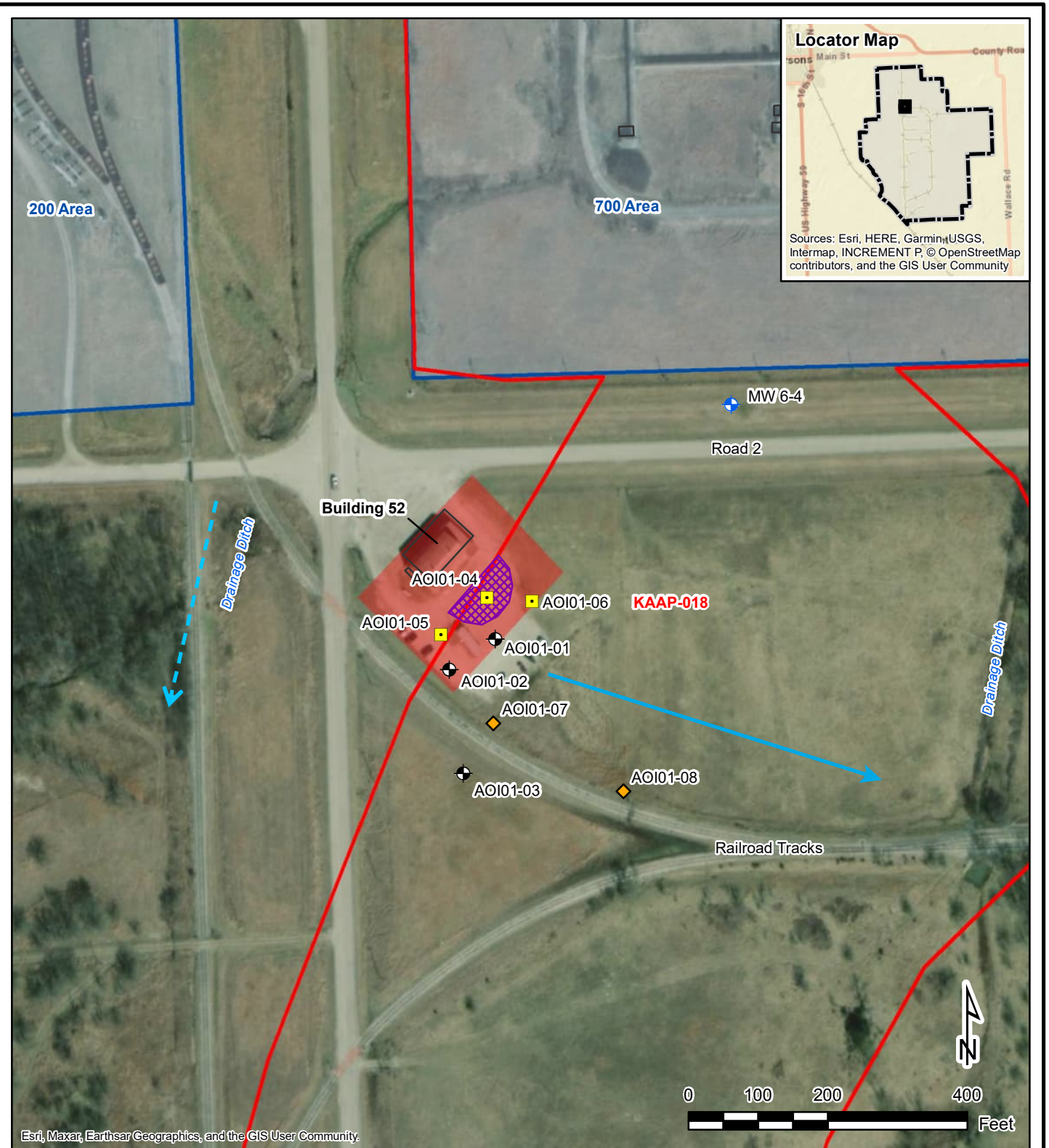
CLIENT USACE-Kansas Dict District **PROJECT NAME** Former Kansas Army Ammunition Plant
PROJECT NUMBER 60656718 **SITE NAME** AOI01

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DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
15.0						
17.5		80	ML		10.0 SILT WITH SAND, (ML) light olive brown (2.5Y 5/4), fine grained, dry, medium dense, Pulverized shale (continued) 892.5	 <p>Backfill Top: 20 ft bgs Bottom: 30 ft bgs</p>
20.0		80			▼	
22.5						
25.0		100				
27.5						
30.0						

Bottom of borehole at 30.0 feet.

Notes:



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

Figure 17-1		
Site Inspection Sample Locations		
Former Kansas Army Ammunition Plant Parsons, Kansas		
<i>Site Inspection Quality Assurance Project Plan</i>		
AECOM	Project Number: 60656718	Drawn By: JZ