

**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: _____.
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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.

# HTW DRILLING LOG

HOLE NO.  
043MW005

1. COMPANY NAME <i>Borns + McDonnell</i>		2. DRILLING SUBCONTRACTOR <i>RAZER Environmental</i>			SHEET 1 OF 3 SHEETS	
3. PROJECT <i>SFAAP</i>			4. LOCATION <i>SWHU 43</i>			
5. NAME OF DRILLER <i>T. Poulter</i>			6. MANUFACTURER'S DESIGNATION OF DRILL <i>Geoprobe 7822 DT</i>			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	<i>7.25-inch HSA</i>		8. HOLE LOCATION			
	<i>2-inch Macrocore</i>		9. SURFACE ELEVATION			
			10. DATE STARTED <i>12-6-23</i>			
			11. DATE COMPLETED <i>12-6-23</i>			
12. OVERBURDEN THICKNESS <i>20.5</i>			15. DEPTH GROUNDWATER ENCOUNTERED <i>14.0 ft bgs</i>			
13. DEPTH DRILLED INTO ROCK <i>NA</i>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <i>15.30 ft BTWC 12-7-23</i>			
14. TOTAL DEPTH OF HOLE <i>20.5</i>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <i>16-21 ft BTWC 12-12-23</i>			
18. GEOTECHNICAL SAMPLES <i>NA</i>		DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES <i>NA</i>		
20. SAMPLES FOR CHEMICAL ANALYSIS <i>NA</i>		VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)
						21. TOTAL CORE RECOVERY <i>NA</i> %
22. DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL	OTHER (SPECIFY) <i>Temp. PR20</i>	23. SIGNATURE OF INSPECTOR <i>[Signature]</i>	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	1	<i>CLAY, with silt, CH, very dark gray (10YR 3/1), damp, stiff consistency, high plasticity, trace roots.</i>	PID 0.0	<i>NA</i>	<i>NA</i>	<i>NA</i>	<i>Begin Logging 0848</i>
	2	<i>brown (10YR 5/3), medium consistency, trace fine sand, trace oxidation reddish brown (5YR 4/4)</i>	0.0				<i>20.0' West 65.0' South of 043MW003</i>
	3		0.0				<i>Recovery 5/5</i>
	4	<i>SAND, trace silt, SM, damp light gray (N7), very fine to medium grain, well sorted, trace oxidation reddish brown (5YR 4/4)</i>	0.0				

# HTW DRILLING LOG

HOLE NO.  
043MW005

PROJECT  
SFAAP

INSPECTOR  
S. Woodland

SHEET 2  
OF 3 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	6	SAND, trace silt, SM, Damp Light gray (L7), very fine to medium grain, well sorted, trace oxidation reddish brown (54R4/4).	PTD 0.0	NA	NA	NA	0853
	7		0.0				
	8	moist	0.0				
	9		0.0				
	10						0855
	11		0.0				
	12		0.0				
	13		0.0				

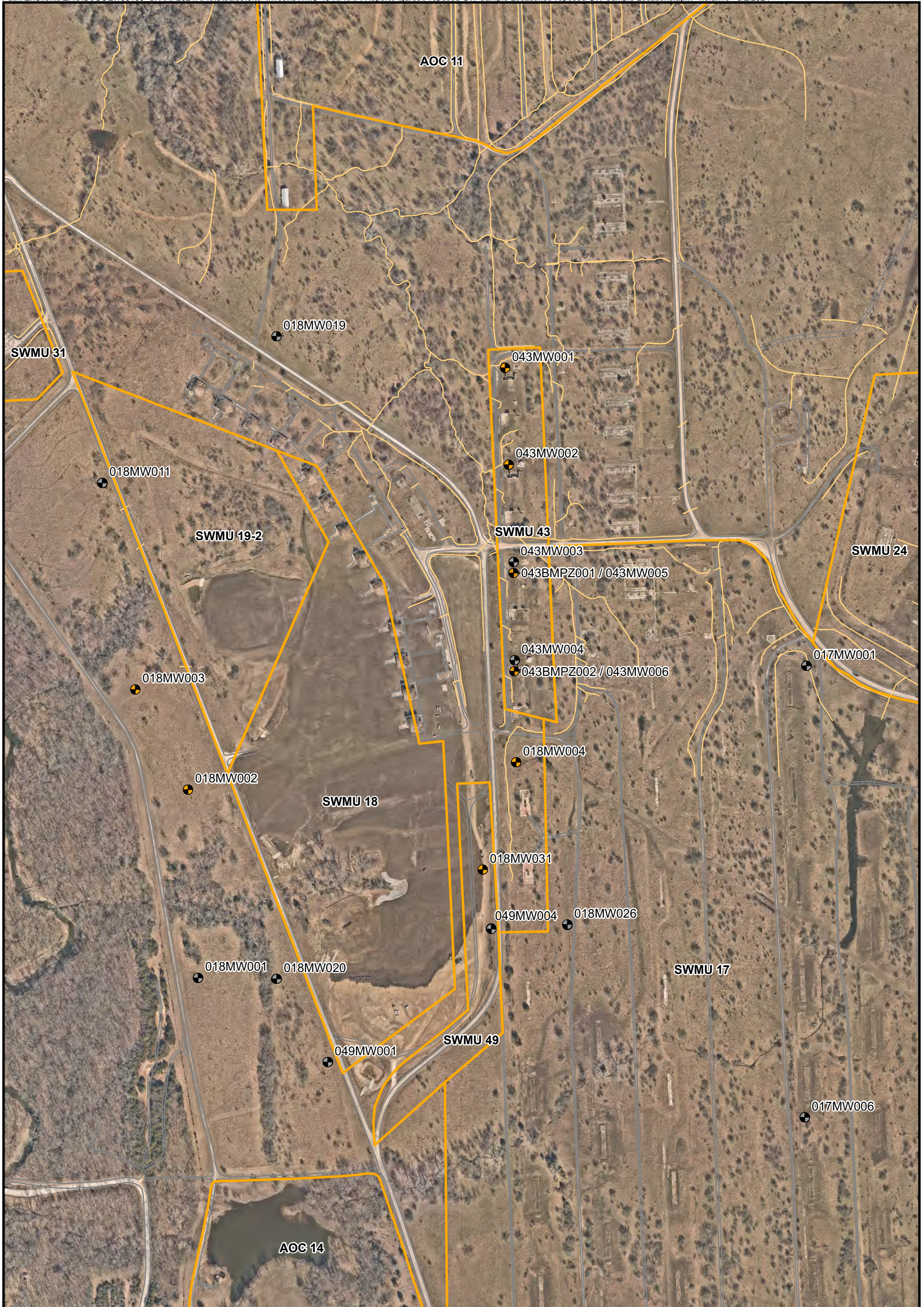
# HTW DRILLING LOG







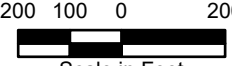

HOLE NO.  
043MW005  
SHEET 3  
OF 3 SHEETS

PROJECT **SFAAP**

INSPECTOR **S. Woodland**

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	15	SAND, trace silt, sm, wet light gray (N7), fine to coarse grain, well sorted	PID	NA	NA	NA	▽
	16						0858
	17						Recovery
	18						5/5
	19						
	20	CLAY, CH, yellowish brown (10NR 5%) wet, very soft, high plasticity. SAND, SW, light gray (N7) coarse grain, well sorted, wet.					0900
	21	Refusal @ 20.5 ft bgs					Install Temporary Piezometer
	22						



<p><b>Legend</b></p> <ul style="list-style-type: none"> <li> Monitoring Well/ Temporary Piezometer (Overburden) (Sampled during SWMU 43 RFI)</li> <li> Monitoring Well (Not sampled during SWMU 43 RFI)</li> <li> SWMU/AOC Boundary</li> <li> Paved Road</li> <li> Drainage Ditch</li> </ul>	<div style="text-align: center;">  <p>NORTH</p>  <p>200 100 0 200 Scale in Feet</p> </div>		<p style="text-align: center;"><b>Figure 2-2</b> <b>Temporary Piezometer and Monitoring Well Location Map</b></p> <p style="text-align: center;"><b>SWMU 43 RFI/CMS Report</b> Former Sunflower Army Ammunition Plant De Soto, Kansas</p> <p style="text-align: right; font-size: small;">Issued: 6/2/2024</p>
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