

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

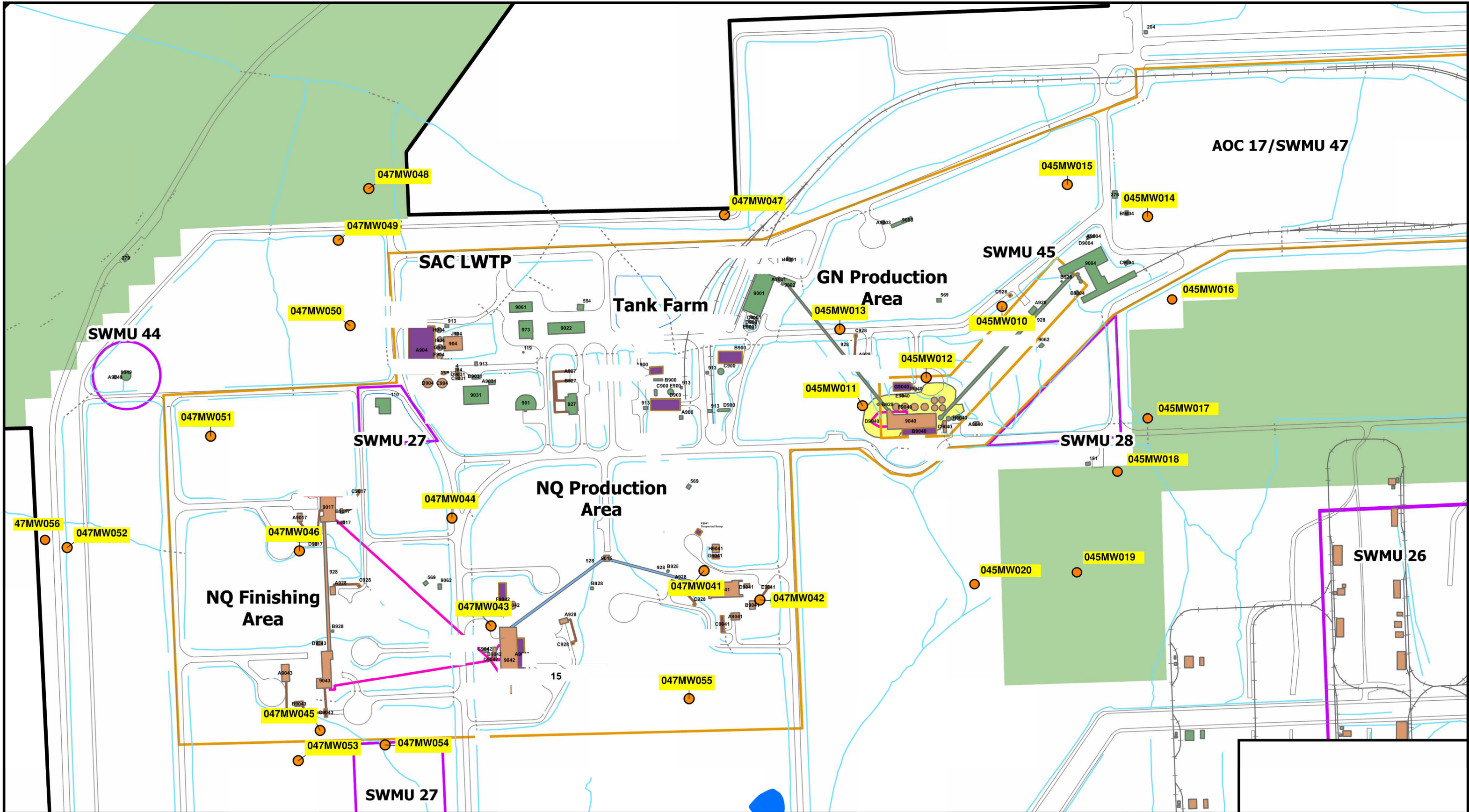
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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

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.

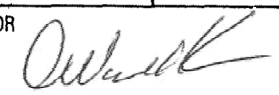
Path: Z:\Clients\IENS\USCOE\138163_SFAAP2021\RFI\Studies\Geospatial\DataFiles\ArcDocs\AOC17_SWMU47_rtf\relvire 4/30/2024



<p>Legend</p> <p>● Monitoring Well</p> <div data-bbox="1958 1739 2331 1961"><p>Scale in Feet</p></div>		<p>Monitoring Well Locations</p> <p>AOC 17 / SWMUs 45 & 47 RFI Work Plan Former Sunflower Army Ammunition Plant De Soto, Kansas</p>
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HTW DRILLING LOG

HOLE NO.
047MW047

1. COMPANY NAME Burns & McDonnell		2. DRILLING SUBCONTRACTOR RAZEK ENV., Inc.		SHEET 1 OF 5 SHEETS	
3. PROJECT SFAAP		4. LOCATION SWMU 47			
5. NAME OF DRILLER T. Poulter		6. MANUFACTURER'S DESIGNATION OF DRILL GeoProbe 7822 DT			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2-inch MacroCore Sampler		8. HOLE LOCATION E: 2158010.5310 N: 233817.4810		
	7.25 HSA				
			9. SURFACE ELEVATION 940.22 ft amsl		
		10. DATE STARTED 5/15/24		11. DATE COMPLETED 5/15/24	
12. OVERBURDEN THICKNESS 23.0 ft		15. DEPTH GROUNDWATER ENCOUNTERED NA			
13. DEPTH DRILLED INTO ROCK NA		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED 5/15/24 NFW			
14. TOTAL DEPTH OF HOLE 23.0 ft		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) 6/17/24 13.99 ft btoc			
18. GEOTECHNICAL SAMPLES NA		DISTURBED		UNDISTURBED	
19. TOTAL NUMBER OF CORE BOXES NA					
20. SAMPLES FOR CHEMICAL ANALYSIS NA	VOC		METALS		OTHER (SPECIFY)
21. TOTAL CORE RECOVERY NA %					
22. DISPOSITION OF HOLE	BACKFILLED		MONITORING WELL		23. SIGNATURE OF INSPECTOR S. Woodland 
			047MW047 A17BMPZ026		

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	CLAY, trace very fine to fine sand, CL, light brownish gray (10YR 6/2), moist, very soft consistency, trace plasticity.	BZ = 0.0 PID LEL = 0 O ₂ = 20.9 0.0	NA	NA	Recovery	DP @ 0920 HSA @ 0952
	2	CLAY, trace silt, CL, very dark gray (10YR 3/1), moist, hard consistency, trace plasticity.	0.0			5/5	
	3		0.0				
	4	with silt to very fine sand, gray (10YR 5/1), moist, stiff consistency, medium plasticity	0.0				

HTW DRILLING LOG

HOLE NO. 047MW047

PROJECT SFAAP - SWMU 47

INSPECTOR S. Woodland

SHEET 2
OF 5 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	CLAY, with silt to very fine sand, CL, gray (10YR 5/1), moist, very stiff consistency, trace plasticity.	BZ = 0.0 PID LEL = 0 O ₂ = 20.9 0.0	NA	NA	Recovery	0922 0955
	7	trace oxidation reddish brown (5YR 5/3)	0.0			5/5	
	8		0.0				
	9	CLAY, trace silt to fine sand, CH, light brownish gray (10YR 6/2), stiff consistency, high plasticity, trace oxidation reddish brown (5YR 5/3).	0.0				
	10		BZ = 0.0 LEL = 0 O ₂ = 20.9 0.0				0925 0958
	11		0.0				
	12		0.0			5/5	
	13		0.0				

PROJECT SFAAP - SWMU 47

HOLE NO. 047MW047

HTW DRILLING LOG							HOLE NO. 047MW047
PROJECT SFAAP - SWMU 47			INSPECTOR S. Woodland			SHEET 3 OF 5 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
	14	CLAY, trace silt to fine sand, CH, light brownish gray (10YR 6/2), moist, stiff consistency, high plasticity, trace oxidation reddish brown (5YR 5/3).	BZ = 0.0 PID LEL = 0 O ₂ = 20.9 0.0	NA	NA	Recovery 5/5	
	15	light gray (10YR 7/1), hard consistency	BZ = 0.0 LEL = 0 O ₂ = 20.9 0.0				0930 1002
	16		0.0				
	17		0.0				
	18		0.0			5/5	
	19	SHALE, light yellowish brown (10YR 6/4), moist, thinly laminated.	0.0				
	20		BZ = 0.0 LEL = 0 O ₂ = 20.9 0.0				0936 1008
	21		0.0			3/3	

PROJECT SFAAP - SWMU 47

HOLE NO. 047MW047

HTW DRILLING LOG							HOLE NO.
PROJECT			INSPECTOR			SHEET OF	
SFAAP - SWMU 47			S. Woodland			4 5 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
		SHALE, light yellowish brown (10YR 6/4), moist, thinly laminated.	BZ = 0.0 PID LEL = 0 O ₂ = 20.9	NA	NA	Recovery	
	22		0.0			3/3	
	23						DP Refusal @ 23.0 ft
	24		BZ = 0.0 LEL = 0 O ₂ = 20.9				0952 Begin HSA Drilling Log Form Cuttings
	25		BZ = 0.0 LEL = 0 O ₂ = 20.9				1015
	26						
	27	CLAY, light yellowish brown (10YR 6/4)				NA	
	28						
	29						

HTW DRILLING LOG

HOLE NO. 047MW047

PROJECT SFAAP - SWMU 47

INSPECTOR S. Woodland

SHEET 5 OF 5 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
	31	CLAY, light yellowish brown (10YR 6/4)	BZ = 0.0 PID LEL = 0 O ₂ = 20.9	NA	NA	Recovery	1022
	32					NA	
	33						
	34						1025
	35	HSA Refusal @ 34.0 ft					Construct Temporary Piezometer
	36						
	37						
	38						

PROJECT SFAAP - SWMU 47

HOLE NO. 047MW047