

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

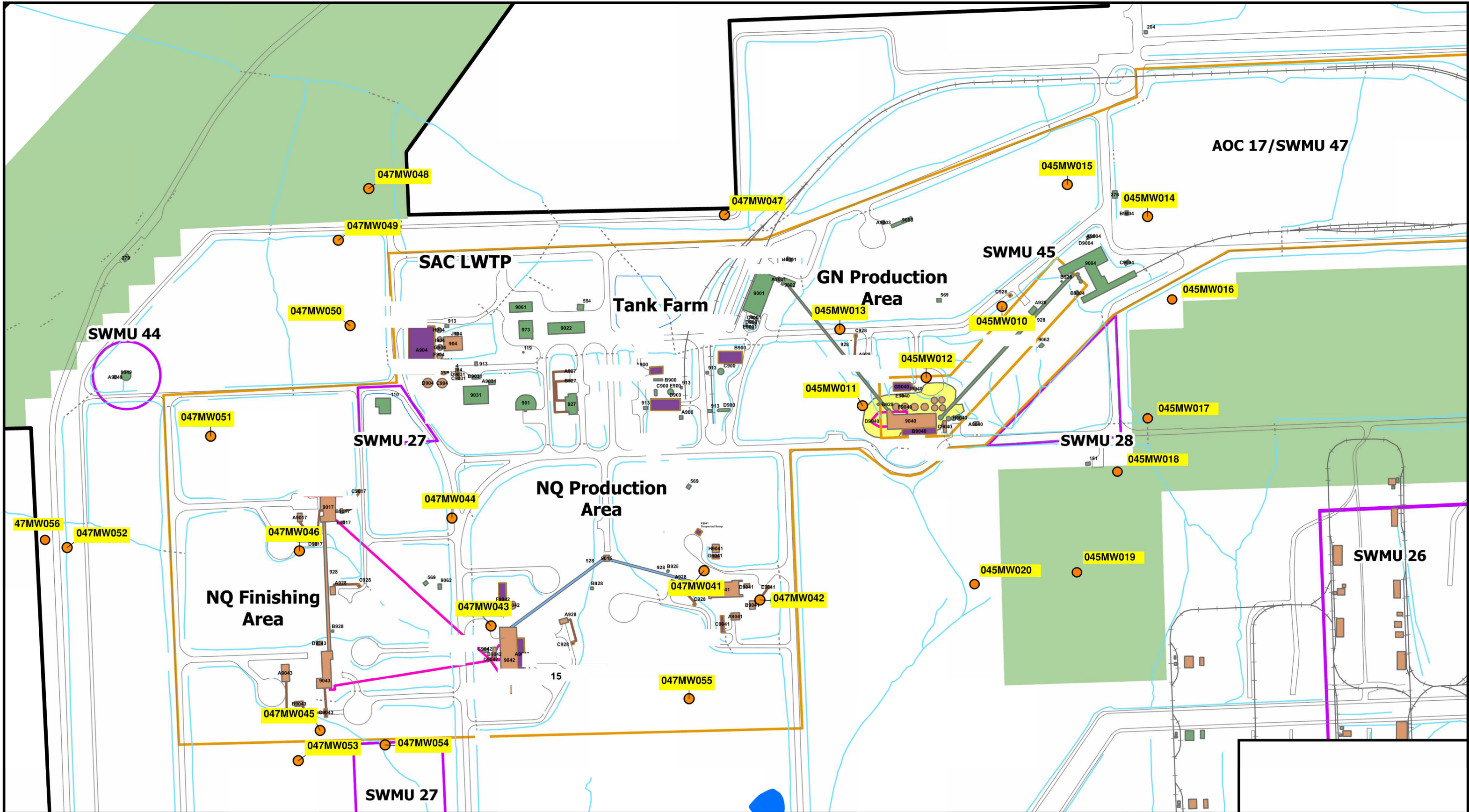
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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

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_rfi\airvire 4/30/2024



Legend

Monitoring Well



300 150 0 300
Scale in Feet



Monitoring Well Locations

AOC 17 / SWMUs 45 & 47 RFI Work Plan
Former Sunflower Army Ammunition Plant
De Soto, Kansas

HTW DRILLING LOG

HOLE NO.
045MW011

1. COMPANY NAME Burns & McDonnell

2. DRILLING SUBCONTRACTOR RAZEK ENV., Inc.

SHEET 1
OF 4 SHEETS

3. PROJECT SFAAP

4. LOCATION SWMU 45

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
7.25 HSA

8. HOLE LOCATION E: 2158518.2460 N: 233111.9160

9. SURFACE ELEVATION 943.96 ft amsl

10. DATE STARTED 5/7/24

11. DATE COMPLETED 5/7/24

12. OVERBURDEN THICKNESS 29.5 ft

15. DEPTH GROUNDWATER ENCOUNTERED NA

13. DEPTH DRILLED INTO ROCK NA

16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
5/7/24 18.00 ft btoc

14. TOTAL DEPTH OF HOLE 29.5 ft

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) 6/13/24 17.43 ft btoc

18. GEOTECHNICAL SAMPLES NA

DISTURBED

UNDISTURBED

19. TOTAL NUMBER OF CORE BOXES NA

20. SAMPLES FOR CHEMICAL ANALYSIS

VOC

METALS

OTHER (SPECIFY)

OTHER (SPECIFY)

OTHER (SPECIFY)

21. TOTAL CORE
RECOVERY
NA %

22. DISPOSITION OF HOLE

BACKFILLED

MONITORING WELL

OTHER (SPECIFY)

23. SIGNATURE OF INSPECTOR

045MW011

A17BMPZ002

S. Woodland

[Signature]

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
		CLAY, trace silt, CH, very dark gray (10YR 3/1), moist, stiff consistency, high plasticity.	BZ = 0.0 PID LEL = 0 O ₂ = 20.9 0.0	NA	NA	Recovery	Begin @ 1256
	1		0.0				
	2		0.0			5/5	
	3		0.0				
	4	CLAY, trace silt, CL, grayish brown (10YR 5/2), moist, stiff consistency, medium plasticity, trace oxidation reddish brown (5YR 5/3).	0.0				

HTW DRILLING LOG

HOLE NO. 045MW011

PROJECT SFAAP - SWMU 45

INSPECTOR S. Woodland

SHEET 2
OF 4 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, trace silt, CL, grayish brown (10YR 5/2), damp, stiff consistency, medium plasticity, trace oxidation reddish brown (5YR 5/3).	BZ = 0.0 PID LEL = 0 O ₂ = 20.9 0.0	NA	NA	Recovery	1259
	7		0.0				
	8		0.0			5/5	
	9	CLAY, CL, gray (10YR 6/1), moist, very stiff consistency, medium plasticity, trace oxidation reddish brown (5YR 5/3).	0.0				
	10		BZ = 0.0 LEL = 0 O ₂ = 20.9 0.0				1302
	11	CLAY, with silt, with fine sand, CL, light yellowish brown (10YR 6/4), moist, very stiff consistency, trace plasticity, trace oxidation reddish brown (5YR 5/3).	0.0				
	12		0.0			5/5	
	13	CLAY, with very fine to fine sand, CL, grayish brown (10YR 5/2), damp, hard consistency, trace plasticity, trace oxidation reddish brown (5YR 5/3).	0.0				

PROJECT SFAAP - SWMU 45

HOLE NO. 045MW011

HTW DRILLING LOG							HOLE NO.
PROJECT			INSPECTOR			SHEET	
SFAAP - SWMU 45			S. Woodland			OF 4 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
	14	CLAY, with very fine to fine sand, CL, grayish brown (10YR 5/2), damp, hard consistency, trace plasticity, trace oxidation reddish brown (5YR 5/3).	PID 0.0	NA	NA	Recovery 5/5	
	15	SAND, and clay, SC, gray (10YR 6/1), damp to moist, very stiff consistency, medium plasticity, trace oxidation reddish brown (5YR 5/3).	BZ = 0.0 LEL = 0 O ₂ = 20.9 0.0				1307
	16		0.0				
	17		0.0			4/4	
	18		0.0				
	19						DP Refusal @ 19.0 ft
	20		BZ = 0.0 LEL = 0 O ₂ = 20.9				1315 Begin HSA Drilling Log from HSA cuttings
	21					NA	1333

PROJECT SFAAP - SWMU 45

HOLE NO. 045MW011

HTW DRILLING LOG							HOLE NO. 045MW011
PROJECT SFAAP - SWMU 45			INSPECTOR S. Woodland			SHEET 4 OF 4 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
	22	SAND, and clay, SC, gray (10YR 6/1), damp to moist, very stiff consistency, medium plasticity, trace oxidation reddish brown (5YR 5/3).	BZ = 0.0 LEL = 0 O ₂ = 20.9 PID	NA	NA	Recovery NA	
	23						
	24	brown (10YR 5/3), moist					
	25	SHALE					1339 hard drilling
	26						
	27						
	28	Screen: 10.0 ft Riser: 21.9 ft End Cap: 0.1 ft Filter Pack: 16.5-29.5 ft bgs Primary Seal: 0-16.5 ft bgs Stick-up: 2.5 ft					
	29	Measured WL: 18.00 ft btoc Constructed TD: 31.99 ft btoc					1345
		HSA Refusal @ 29.5 ft					Construct Temporary Piezometer