WATER WELL RECORD (WWC-5)

Constructed

KOLAR DOC ID 1853920 WELL ID 024MW045

✓ Original Record ☐ Correction ☐ Change in Well Use

LOCATION OF WATER WELL

Latitude	38.912377	Longitude	-95.011558	Section	19	Township	13	Range	22 ✓E ☐W	Fraction	NE ¼ NE ¼ NW ¼
Datum	WGS84	Elevation	909	County	Johnson						

WATER WELL OWNER

Name	
Business	Sunflower Redevelopment, LL(
Address	105345 W. 103rd St. De Soto KS 66019
Well location ☐ at owner's address	US Army Corp of Engineers 635 Federal Building Kansas City, MO 61406

WELL WATER USE

Environmental Remediation / Monitoring Mc

COMPLETION

Depth of completed well: 8.5 ft.

Depth(s) groundwater encountered:

(1) 4.25 ft.; (2) _____ ft.;

(3) _____ ft.; (4) ☐ dry well

Static water level in well: 4.40 ft.

✓ measured below land surface on (mm/dd/yy): 06/05/2025

☐ 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.

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: _____

KDHE / EPA Project Code: C404671027

Site Name: SFAAP - SWMU 24

KDHE UIC Class V Form Completed: ☐ Yes ✓ No

County Permit: ☐ Yes ✓ No Permit ID: _____

Lease Name & Well #: _____

# of boreholes: _____ # of dewatering wells: _____

CONSTRUCTION

Borehole interval: from 0 to 8.5 ft. from _____ to _____ ft.

Borehole diameter: 7.25 in. _____ in.

Casing height above land surface: 30 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: ThermalPlastic

Blank casing interval: 0 ft. to 6.5 ft.

Blank casing diameter: 2 in.

Casing joints: Threaded

Weight: _____ lbs/ft.

Wall thickness or gauge no.: 40

Blank casing interval: _____ ft. to _____ ft.

Blank casing diameter: _____ in.

Casing joints: _____

Weight: _____ lbs/ft.

Wall thickness or gauge no.: _____

Grout interval: 2 ft. to 5 ft.

Grout material: Bentonite

Grout interval: _____ ft. to _____ ft.

Grout material: _____

Screen / perforation material: PVC

Screen / perforation openings: Mill slot

Screen / perforation intervals:

From 6.5 ft. to 8.5 ft.

Slot size .01 unit millimet(

From _____ ft. to _____ ft.

Slot size _____ unit _____

Gravel pack intervals:

Gravel pack not used: ☐ Gravel size _____ in

From 5 ft. to 8.5 ft.

Gravel pack not used: ☐ Gravel size _____ in

From _____ ft. to _____ ft.

LITHOLOGIC LOG

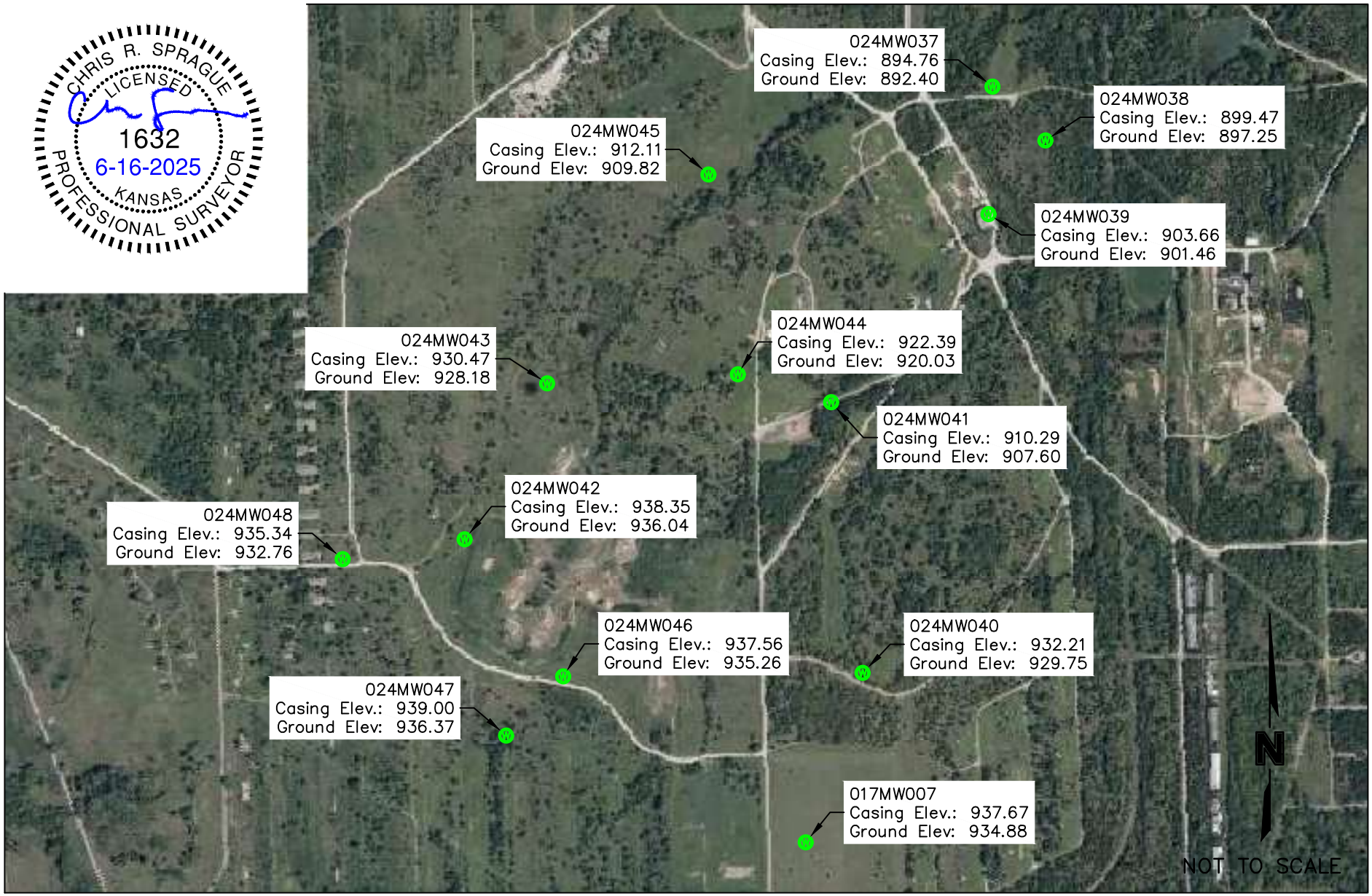
FROM	TO	LITHOLOGY INTERVALS
0	8.5	other,See Attached

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well contractor's license and was completed on 05/07/2025. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on 08/15/2025 under the business name of Razek Environmental, LLC, Kansas Water Well Contractor's License No. 759 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: Anthony Poulter.

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



CHRIS R. SPRAGUE
LICENSED
1632
6-16-2025
KANSAS
PROFESSIONAL SURVEYOR

F:\2018\1001-1500\018-1310\40-Design\Survey\SRVYXref\018-1310 BMcD WellPointsDump 06-11-25.dwg
DATE: Jun 16, 2025 5:01pm USER: csprague

PROJECT NO:	018-3100
DRAWN BY:	CRS
DATE:	06.11.2025

BURNS & McDONNELL MONITORING WELL GENERAL LOCATIONS

olsson

7301 West 133rd Street
Suite 200
Overland Park, KS 66213

olsson.com
TEL 913.381.1170
Olsson - Survey
Kansas COA #LS-114

EXHIBIT

1

HTW DRILLING LOG

HOLE NO. 024MW045

1. COMPANY NAME: Burns & McDonnell	2. DRILLING SUBCONTRACTOR: RAZEK ENV., Inc.	SHEET 1 OF 2 SHEETS
3. PROJECT: SFAAP	4. LOCATION: SWMU 24	
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-inch HSA	8. HOLE LOCATION: E: 2162539.001' N: 224922.013'	
	9. SURFACE ELEVATION: 909.82'	
	10. DATE STARTED: 9/5/24	11. DATE COMPLETED: 9/5/24
12. OVERBURDEN THICKNESS: 7.0 ft	15. DEPTH GROUNDWATER ENCOUNTERED: NA	
13. DEPTH DRILLED INTO ROCK: 1.5 ft	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: NA	
14. TOTAL DEPTH OF HOLE: 7.0 ft	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): NA	

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA			NA

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE RECOVERY
NA						NA %

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		024MW045	024BMPZ021	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
	0	SILT, with clay, ML, very dark gray (10YR 3/1), damp, very stiff consistency, trace plasticity.	BZ = 0.0 PID LEL = 0 O_2 = 20.9 0.0	NA	NA	Recovery	Begin @ 0945
	1	CLAY, trace very fine sand, CL, gray brown (10YR 5/1), damp, very stiff consistency, medium plasticity, trace oxidation reddish brown (5YR 5/3).	0.0				
	2		0.0			5/5	
		very dark gray (10YR 3/1), trace mottle gray (5Y 5/1)					
	3		0.0				
	4	moist	0.0				

HTW DRILLING LOG

HOLE NO. 024MW045

PROJECT SFAAP - SWMU 24 | INSPECTOR S. Woodland | SHEET 2 OF 2 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
	5	CLAY, trace very fine sand, CL, very dark gray (10YR 3/1), damp, very stiff consistency, medium plasticity, trace mottle gray (5 Y 5/1), trace oxidation reddish brown (5YR 5/3).	PID BZ = 0.0 LEL = 0 O_2 = 20.9 0.0	NA	NA	Recovery	0947
	6	loose mottle gray (5Y 5/1)	0.0			5/5	
	7	SHALE, gray (10YR 5/1), moist, thinly laminated, trace oxidation reddish brown (5YR 5/3).	0.0				DP Refusal @ 7.5 ft
	8						1002
	9	HSA Refusal @ 8.5 ft					0954 Begin HSA Drilling Construct Temporary Piezometer 024BMPZ021
	10						
	11						
	12						