

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

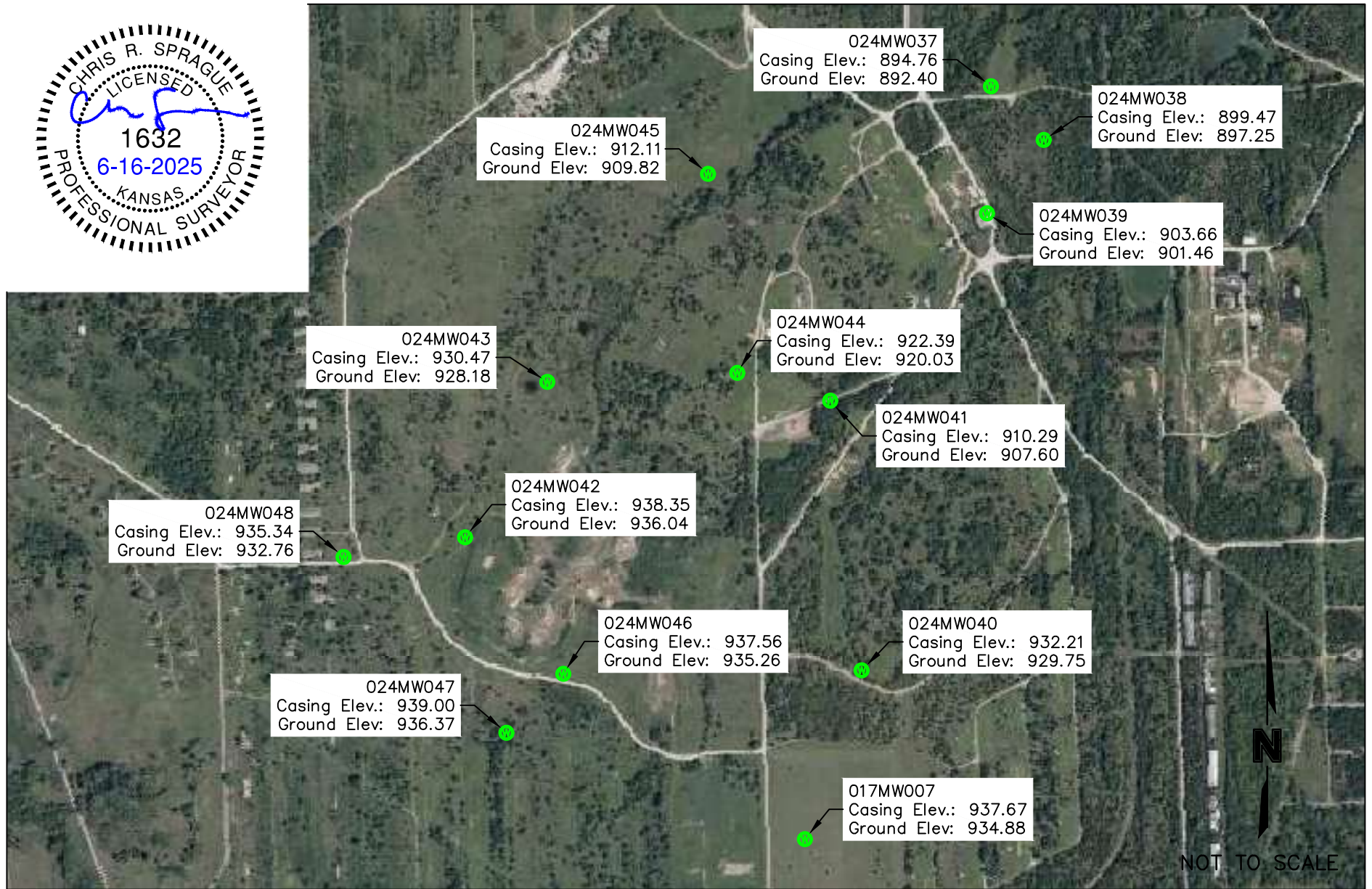
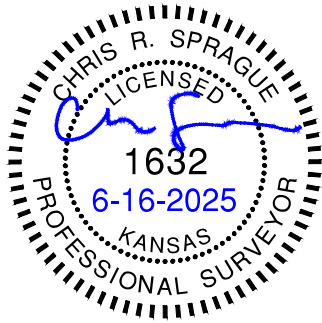
COMMENTS

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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.



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.
024MW047

1. COMPANY NAME Burns & McDonnell

2. DRILLING SUBCONTRACTOR RAZEK ENV., Inc.

SHEET 1
OF 5 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: 2161285.182' N: 221448.148'

9. SURFACE ELEVATION 936.37'

10. DATE STARTED 5/5/25

11. DATE COMPLETED 5/5/25

12. OVERBURDEN THICKNESS 31.0 ft

15. DEPTH GROUNDWATER ENCOUNTERED 19.0 ft bgs

13. DEPTH DRILLED INTO ROCK 1.0 ft

16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA

14. TOTAL DEPTH OF HOLE 32.0 ft

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA

18. GEOTECHNICAL SAMPLES NA

DISTURBED

UNDISTURBED

19. TOTAL NUMBER OF CORE BOXES NA

20. SAMPLES FOR CHEMICAL ANALYSIS
NA

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

024MW047

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
	1	CLAY, with silt, CH, very dark gray (10YR 3/1), damp, medium consistency, high plasticity.	PID 0.0	NA	NA	Recovery	Begin @ 0834
	2		0.0				
	3	CLAY, CL, gray (10YR 6/1), damp, hard consistency, medium plastic, trace oxidation reddish brown (5YR 5/3).	0.0			4/5	
	4	SILT, ML, light gray (5YR 7/1), damp, friable, hard consistency, nonplastic, trace oxidation reddish brown (5YR 5/3).	0.0				

HTW DRILLING LOG

PROJECT SFAAP - SWMU 24						INSPECTOR S. Woodland		HOLE NO. 024MW047
PROJECT SFAAP - SWMU 24			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	
		CLAY, CH, gray (10YR 6/1), damp, hard consistency, medium plastic, trace oxidation reddish brown (5YR 5/3).	PID	NA	NA	Recovery		
	5	SILT, ML, light gray (5YR 7/1), damp, friable, hard consistency, nonplastic, trace oxidation reddish brown (5YR 5/3).					0836	
	6		0.0					
	7	SAND, with fines, ML, gray (10YR 6/1), poorly graded, fine sand, damp, trace oxidation reddish brown (5YR 5/3).	0.0			5/5		
	8		0.0					
	9		0.0					
	10	moist					0839	
	11		0.0			5/5		
	12		0.0					

PROJECT SFAAP - SWMU 24

HOLE NO. 024MW047

HTW DRILLING LOG

HOLE NO.
024MW047

PROJECT SFAAP - SWMU 24

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
	13	SAND, with fines, ML, gray (10YR 6/1), poorly graded, fine sand, moist, trace oxidation reddish brown (5YR 5/3).	PID 0.0	NA	NA	Recovery	
	14		0.0			5/5	
	15	yellowish gray (5Y 7/2), fine to medium sand	0.0				0843
	16		0.0				
	17		0.0			5/5	
	18		0.0				
	19	wet					▽
	20	SAND, with fines, ML, yellowish gray (5Y 5/2), poorly graded, fine to medium sand, wet, trace oxidation reddish brown (5YR 5/3).	NR			5/5	0851

PROJECT SFAAP - SWMU 24

HOLE NO. 024MW047

HTW DRILLING LOG

HOLE NO.
024MW047

PROJECT SFAAP - SWMU 24

INSPECTOR S. Woodland

SHEET 4
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
	21	SAND, with fines, ML, yellowish gray (5Y 5/2), poorly graded, fine to medium sand, wet, trace oxidation reddish brown (5YR 5/3).	PID	NA	NA	Recovery	0851
	22	fine sand, loose oxidation	NR			5/5	
	23						
	24						
	25						0859
	26						
	27		NR			5/5	
	28						

HTW DRILLING LOG

HOLE NO.
024MW047

PROJECT SFAAP - SWMU 24

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
		SAND, with fines, ML, yellowish gray (5Y 5/2), poorly graded, fine to medium sand, wet.	PID	NA	NA	Recovery	
	29		NR			5/5	
	30						0907
	31	SHALE, dark yellowish orange (10YR 6/6), highly weathered, thinly laminated, wet.	NR			2/2	
	32						DP Refusal @ 32.0 ft
		HSA Refusal @ 32.0 ft					0915 Begin HSA Drilling
	33						1030 Construct Monitoring Well 024MW047
	34						
	35						
	36						

PROJECT SFAAP - SWMU 24

HOLE NO. 024MW047