

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

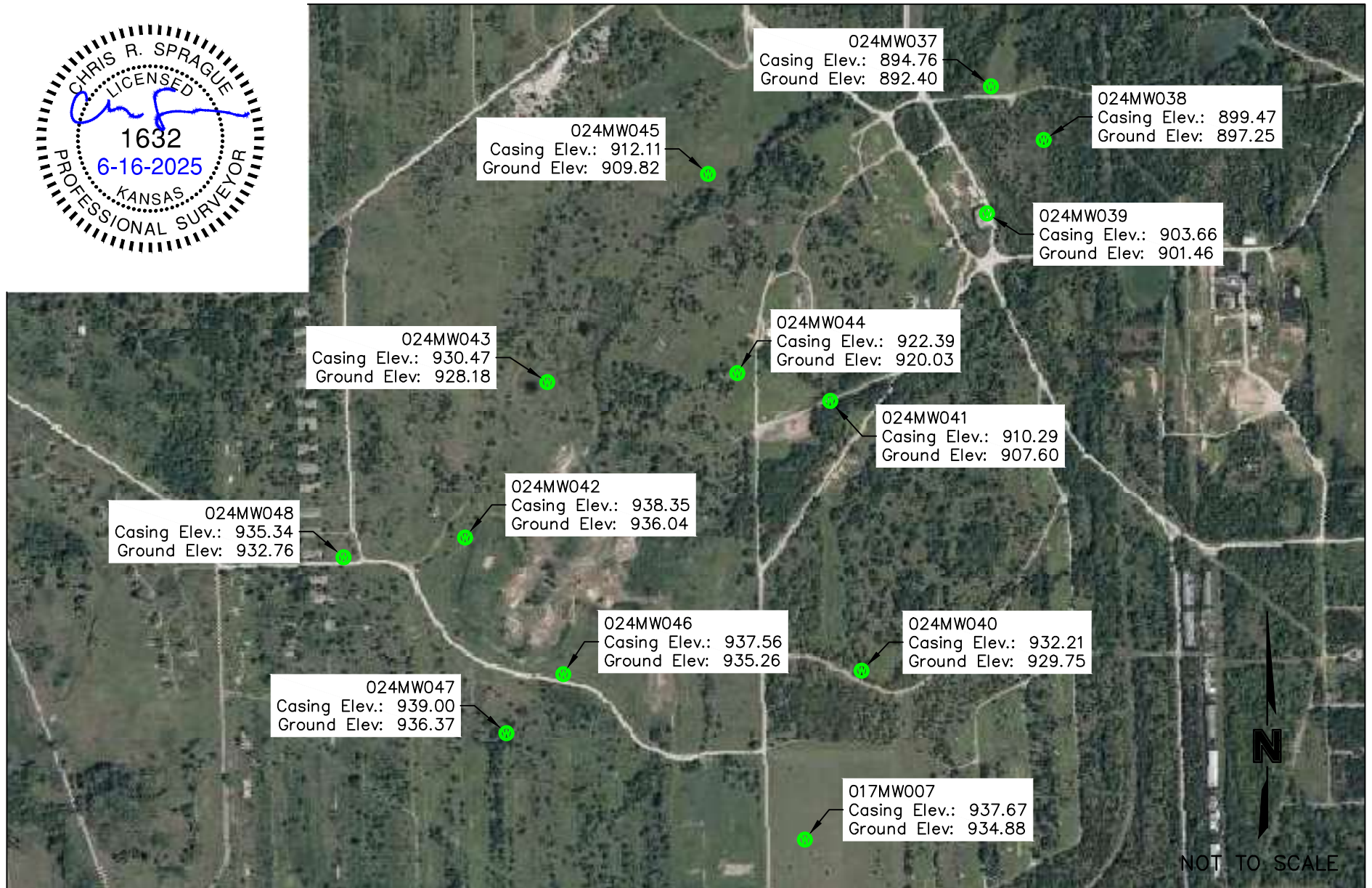
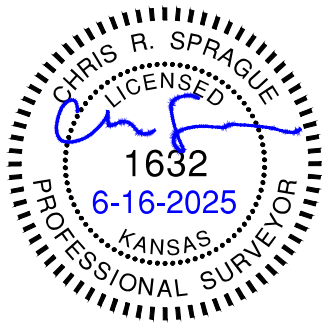
COMMENTS

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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.



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

PROJECT NO: 018-3100	<div>BURNS & McDONNELL</div> <div>MONITORING WELL</div> <div>GENERAL LOCATIONS</div>		7301 West 133rd Street Suite 200 Overland Park, KS 66213 olsson.com TEL 913.381.1170 Olsson - Survey Kansas COA #LS-114	EXHIBIT
DRAWN BY: CRS				1
DATE: 06.11.2025				

HTW DRILLING LOG

HOLE NO.
024MW048

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: 2160273.954' N: 222540.671'

9. SURFACE ELEVATION 932.76'

10. DATE STARTED 5/5/25

11. DATE COMPLETED 5/5/25

12. OVERBURDEN THICKNESS 29.0 ft

15. DEPTH GROUNDWATER ENCOUNTERED 22.0 ft bgs

13. DEPTH DRILLED INTO ROCK 0.5 ft

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

14. TOTAL DEPTH OF HOLE 29.5 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

024MW048

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
		CLAY, with silt, CH, dark gray (10YR 4/1), damp, medium consistency, high plasticity.	PID	NA	NA	Recovery	Begin @ 1210
	1	CLAY, trace silt, CL, brown (10YR 5/3), damp, medium consistency, medium plastic, trace mottle light gray (10YR 7/1), trace oxidation reddish brown (5YR 5/3).	0.0				
	2	very stiff consistency	0.0			5/5	
	3	trace fine sand, hard consistency	0.0				
	4	CLAY, trace silt and fine sand, CL, brown (10YR 5/3), damp, hard consistency, medium plastic, trace mottle light gray (10YR 7/1), trace oxidation reddish brown (5YR 5/3).	0.0				

HTW DRILLING LOG

HOLE NO.
024MW048

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
	5	CLAY, trace silt and fine sand, CL, brown (10YR 5/3), damp, hard consistency, medium plastic, trace mottle light gray (10YR 7/1), trace oxidation reddish brown (5YR 5/3).	PID	NA	NA	Recovery	
							1214
			0.0				
	6		0.0				
	7		0.0				
	8		0.0			3/5	
	9		0.0				
	10						1218
			0.0				
	11		0.0				
	12		0.0			5/5	

HTW DRILLING LOG

HOLE NO.
024MW048

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	CLAY, trace silt and fine sand, CL, brown (10YR 5/3), damp, hard consistency, medium plastic, trace mottle light gray (10YR 7/1), trace oxidation reddish brown (5YR 5/3).	PID	NA	NA	Recovery	
	14	SAND, trace fines, ML, dark yellowish orange (10YR 6/6), poorly graded, fine to medium sand, damp.	0.0			5/5	
	15		0.0				1224
	16	loose	0.0				
	17		0.0			5/5	
	18		0.0				
	19		0.0				
	20	moist	0.0			5/5	1232

PROJECT SFAAP - SWMU 24

HOLE NO. 024MW048

HTW DRILLING LOG

HOLE NO.
024MW048

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, trace fines, ML, dark yellowish orange (10YR 6/6), poorly graded, fine to medium sand, moist.	PID	NA	NA	Recovery	1232
	22	wet	0.0				
	23		NR			5/5	▽
	24						
	25	medium sand					
	26						1242
	27	SAND, ML, dark yellowish orange (10YR 6/6), poorly graded, medium sand, wet.	NR			5/5	
	28						

PROJECT SFAAP - SWMU 24

HOLE NO. 024MW048

HTW DRILLING LOG							HOLE NO. 024MW048
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
	29	SAND, ML, dark yellowish orange (10YR 6/6), poorly graded, medium sand, wet.	PID	NA	NA	Recovery	
		SHALE, dark yellowish orange (10YR 6/6), highly weathered, thinly laminated, wet.	NR			4.5/4.5	DP Refusal @ 29.5 ft
	30	HSA Refusal @ 29.5 ft					1300 Begin HSA Drilling
	31						1410 Construct Monitoring Well 024MW048
	32						
	33						
	34						
	35						
	36						