

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

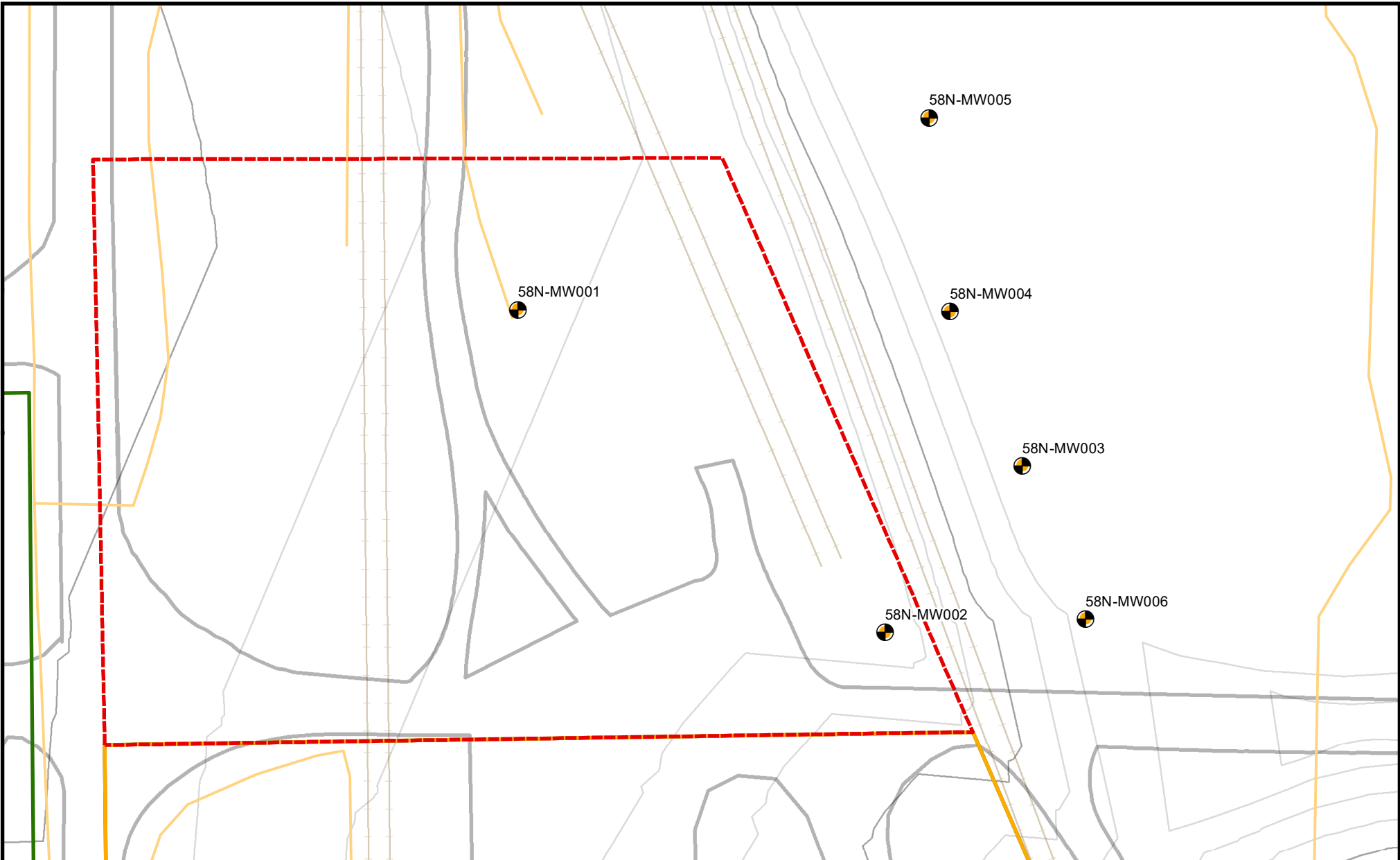
COMMENTS

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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.



Legend

 Monitoring Well

Drainage Features

 Drainage Ditch


Topographic Contours



Area Name

 SWMU 58 North

Transportation

 Paved Road

 Railroad/Tram



50 25 0



Scale in Feet



**SWMU 58 North
Monitoring Well Location Map**

Former Sunflower Army Ammunition Plant
De Soto, Kansas

HTW DRILLING LOG

HOLE NO.
SBN MW006

1. COMPANY NAME *Burns & McDonnell*

2. DRILLING SUBCONTRACTOR *Racek Environmental*

SHEET 1
OF 3 SHEETS

3. PROJECT *SFAAP*

4. LOCATION *SWMU SBN*

5. NAME OF DRILLER *T. Butler*

6. MANUFACTURER'S DESIGNATION OF DRILL *Leopold 7822 BT*

7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT
2.25 inch HSA
2 inch MacroCore

8. HOLE LOCATION
N: 230576.317 E: 2163956.265

9. SURFACE ELEVATION *911.18*

10. DATE STARTED *6-26-23*

11. DATE COMPLETED *6-26-23*

12. OVERBURDEN THICKNESS *8.0 ft*

15. DEPTH GROUNDWATER ENCOUNTERED

13. DEPTH DRILLED INTO ROCK *6.5 ft*

16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED

14. TOTAL DEPTH OF HOLE *14.5 ft*

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

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 grayish brown (104R 3/2), damp, hard consistency, medium plasticity trace coarse sand.	Red 0.0	NA	NA	NA	1013 Begin Macro Core Sampling
	2	LIMESTONE, Very Light Gray (NB), highly weathered, platy	0.0				Recovery 3.5/5
	3	CLAY, with silt, CH, very dark grayish brown (104R 3/2), moist, very stiff consistency, high plasticity, trace oxidation brown (2.54R 4/2)	0.0				
	4	LIMESTONE, Very Light Gray (NB) highly weathered.	0.0				
	5	CLAY, with silt, CH, very dark grayish brown (104R 3/2), damp, medium consistency, high plasticity trace oxidation brown (2.54R 4/2) Trace mottling gray (2.54 S/1)	0.0				

HTW DRILLING LOG

 HOLE NO. SBW MW006

 PROJECT SFAAP

 INSPECTOR S. Woodland

 SHEET #
OF 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
	5	CLAY, with silt, CH, very dark grayish brown (104R 3/2), damp, medium consistency, high plasticity. trace oxidation brown (2.54R 4/2) Here mottling gray (2.54S/1)	PI0 0.0	NA	NA	NA	1016
	6		0.0				
	7	CLAY, CH, black (2.54 2.5/1) damp, medium consistency, high plasticity.	0.0				Recovery 4.5/5
	8	LIMESTONE, very light gray (NA) damp, highly weathered, platy	0.0				
	9		0.0				
	10	Wet damp Wet					1020
	11	SHALE, light yellowish brown (2.54 6/4) damp, highly weathered. trace mottle grayish blue (104R 3/2)	0.0				Recovery 4/4
	12	Dark gray (2.54 4/1) trace oxidation brown (2.54R 4/0)	0.0				

 PROJECT SFAAP

 HOLE NO. SBW MW006

HTW DRILLING LOG

HOLE NO. *58N M0000*

PROJECT *SEAAP*

INSPECTOR *S. Woodland*

SHEET *3*
OF 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
		<i>SHALE, dark gray (2.54 4/1) damp. highly weathered trace oxidation brown (2.54 2 1/2)</i>	<i>PID</i>				
	<i>13</i>	<i>brown (104R 5/3)</i>	<i>0.0</i>				<i>Recovery 4/4</i>
	<i>14</i>	<i>black (54 2.5/1)</i>	<i>0.0</i>				
	<i>15</i>	<i>Refusal @ 14.5 ft</i>					<i>Ream Boring w/ 7.25" Auger Construct Monitoring Well Screen Interval 4.5-14.5 ft-bgs</i>

PROJECT *SEAAP*

HOLE NO. *58N M0000*