

**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: from _____ to _____ ft.	Borehole diameter: _____ 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: _____.
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Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

<b>HTRW DRILLING LOG</b>		DISTRICT		HOLE NUMBER <b>MCRI-MW16</b>	
1. COMPANY NAME <b>HydroGeologic, Inc</b>		2. DRILL SUBCONTRACTOR <b>Environmental Works, Inc</b>		SHEET OF SHEETS <b>1 OF 5</b>	
3. PROJECT <b>Midwest PFAS</b>		4. LOCATION <b>McConnell AFB</b>			
5. NAME OF DRILLER <b>Jeremy Nash</b>		6. MANUFACTURER'S DESIGNATION OF DRILL <b>LS-250</b>			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>Sonic 6" overdrive casing 4" core barrel</b>		8. HOLE LOCATION			
		9. SURFACE ELEVATION			
		10. DATE STARTED <b>12-14-22</b>		11. DATE COMPLETED <b>12-15-22</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>		15. DEPTH GROUNDWATER ENCOUNTERED <b>below 30' bgs</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED			
14. TOTAL DEPTH OF HOLE <b>40' bgs</b>		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		METALS	
				OTHER (SPECIFY) <b>PFAS</b>	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL	
				OTHER (SPECIFY)	
				19. TOTAL NUMBER OF CORE BOXES <b>1</b>	
				21. TOTAL CORE RECOVERY	
				23. SIGNATURE OF INSPECTOR <i>[Signature]</i>	
LOCATION SKETCH/COMMENTS					SCALE

Large grid area for location sketch and comments.

PROJECT <b>Midwest PFAS</b>	HOLE NO. <b>MCRI-MW16</b>
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# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MCR1-MW16

SHEET 2 OF 5 SHEETS

PROJECT Midwest PFAS

INSPECTOR J. Gast

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	0	Fill, silt, clay, some sand/gravel, disturbed, brown					0-5' bgs hand auger
	1		0.0				
	2		0.0				
	3		0.0				
	4		0.0				
	5	Clayey silt, med. slight plasticity, trace fine sand, black (DYRZ/1)	0.0				
	6		0.0				
	7		0.0				
	8		0.0				
	9		0.0				
	10		0.0				

PROJECT Midwest PFAS

HOLE NO.

MCR1-MW16

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MCRI-MW16

PROJECT Midwest PFAS

INSPECTOR J. Gast

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 COUNT (g)	REMARKS (h)
	10	Clayey silt - see previous page					
	11						
	12						
	13						
	14						
	15	NR					Driller does not know why NR from 12-20' did not drill different
	16						
	17						
	18						
	19						
	20						

PROJECT Midwest PFAS

HOLE NO. MCRI-MW16

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**MCR1-mw/6**  
 SHEET **4** OF **5** SHEETS

PROJECT **Midwest PFAS**

INSPECTOR **J. Gast**

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEO TECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	20	Silt, minor clay, non-plastic, soft to med. stiff dk grayish brown (104R4/2)					
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	<del>28</del>						
	28						
	<del>29</del>						
	29						
	30	See description next page					

PROJECT **Midwest PFAS**

HOLE NO. **MCR1-mw/6**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
MCR1-mw16  
SHEET 5 OF 5 SHEETS

PROJECT Midwest PFAS

INSPECTOR J.G.

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	30	Clayey silt, med. stiff, slight plasticity, packets of iron-stained calcareous nodules					
	31	olive (2.5Y5/4)					
	32	Silty clay, stiff, mod. plasticity, few Mn oxide nodules/staining					
	33	mottled olive (5Y5/4) and reddish brown (2.5YR3/3)					damp/wet
	34	silty clay, med stiff to soft, mod. plasticity, heavily iron-stained					
	35	Some gravel-sized calcareous nodules					
	36	33.4-33.6 - numerous calcareous nodules and damp/wet olive (5Y5/4)					da
	37	becoming soft					
	38	lense of soft calcareous material, wet					wet
	39	color change to olive gray (5Y4/2) trace fine sand, soft					
	40	BOH=40' bgs					

PROJECT Midwest PFAS

HOLE NO. MCR1-mw16