

**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**

\_\_\_\_\_

**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**

\_\_\_\_\_

**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.

HTRW DRILLING LOG			DISTRICT			MCR1 HOLE NUMBER <del>MCR</del> MW13		
1. COMPANY NAME HydroGeologic Inc			2. DRILL SUBCONTRACTOR Environmental Works, Inc			SHEET 1 OF 5 SHEETS		
3. PROJECT Midwest PFAS			4. LOCATION McConnell AFB					
5. NAME OF DRILLER Jeremy Nash			6. MANUFACTURER'S DESIGNATION OF DRILL LS-250					
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Sonic 4" core barrel 6" override casing			8. HOLE LOCATION					
			9. SURFACE ELEVATION					
			10. DATE STARTED 12-6-22			11. DATE COMPLETED 12-6-22		
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED					
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED					
14. TOTAL DEPTH OF HOLE 40' bgs			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)					
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		METALS		OTHER (SPECIFY) PFAS	OTHER (SPECIFY)	OTHER (SPECIFY)
22. DISPOSITION OF HOLE		BACK FILLED		MONITORING WELL		OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR	
LOCATION SKETCH/COMMENTS							SCALE	
<div style="border: 1px dashed black; height: 300px; width: 100%;"></div>								
PROJECT Midwest PFAS						HOLE NO. MCR1-MW13		

# HTRW DRILLING LOG (CONTINUATION SHEET)

MCR1-HOLE NUMBER  
MCR1-MW13  
SHEET 2 OF 5 SHEETS

PROJECT Midwest PFAS

INSPECTOR J. Gost

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, few to little sand and gravel, disturbed, mixed brown to reddish/yellowish brown	0.0				Hand auger to 5' bgs
	1						
	2						
	3						
	4						
	5		0.0				
	6		0.0				
	7		0.0				
	8		0.0				
	9		0.0				
	10	dk brown, predominantly silt, slight plasticity, fine-gravel-sized Mn oxide nodules	0.9				

PROJECT Midwest PFAS

HOLE NO. MCR1-MW13

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
MCR-MW13

PROJECT  
Midwest PFAS

INSPECTOR  
J. Galt

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	Fill predominantly					
	11	Silt w/ clay to non-plastic, soft, disturbed, v. dk gray (10YR3/1)	0.0				
	12	Fill? clayey silt, predominantly	0.0				Reworked native?
	13	Silt w/ some clay, little med & coarse sand, disturbed brown (10YR4/3)	0.6 3.0				
	14		3.0				
	15	1.5-1.6' mottled brown + v. dk gray	8.4				
	16		18.2				
	17	Becoming soft, increased coarse sand content, trace fine gravel, maybe calcareous nodules	2.5				
	18		4.5				
	19		6.6				
	20						

PROJECT  
Midwest PFAS

HOLE NO.  
MCR-MW13

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**MCRI-MW13**  
 SHEET **4** OF **5**

PROJECT **Midwest PFAS**

INSPECTOR **J. Gault**

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	Clayey silt, see previous page Fill? Reworked native?					
	21						
	22	Clayey silt, stiff, slightly plastic, occasional calcareous nodules					
	23			0.1			
	24	from med- coarse and sized, occasional calcareous seams (horizontal)					
	25	Becoming softer - med stiff	0.0				-damp
	26		0.0				
	27		0.0				
	28		0.0				
	29		2.4				
	30		11.7				

PROJECT **Midwest PFAS**

HOLE NO. **MCRI-MW13**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
 MCR-mw/3  
 SHEET 5 OF 5 SHEETS

PROJECT Midwest PFAS

INSPECTOR J. Gault

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, v. soft, low to non-plastic, trace few med + coarse sand, moist, v. dk gray (N3)						
	31		0.0					
	32		4.3					
	33		0.2					
	34		0.0					
	35		0.0					
	36		0.0					
	37		decreasing sand content to trace	0.0				
	38		0.0					
	39		0.0					
	40	BOH = 40' bgs						

PROJECT Midwest PFAS

HOLE NO. MCR-mw/3