

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: _____.

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			HOLE NUMBER	
1. COMPANY NAME <i>Hydrogeologic, Inc</i>		2. DRILL SUBCONTRACTOR <i>Environmental Works, Inc</i>			HOLE NUMBER <i>MCR1-MW18</i>	
3. PROJECT <i>Midwest PFAS</i>		4. LOCATION <i>McClellan AFB</i>			SHEET SHEETS <i>1 OF 4</i>	
5. NAME OF DRILLER <i>Jeremy Nash</i>		6. MANUFACTURER'S DESIGNATION OF DRILL <i>LS-250</i>				
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <i>Sonic 4" core barrel, 6" oversize casing</i>		8. HOLE LOCATION				
		9. SURFACE ELEVATION				
		10. DATE STARTED <i>12-15-22</i>		11. DATE COMPLETED <i>12-16-22</i>		
12. OVERBURDEN THICKNESS <i>N/A</i>		15. DEPTH GROUNDWATER ENCOUNTERED <i>-</i>				
13. DEPTH DRILLED INTO ROCK <i>N/A</i>		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <i>-</i>				
14. TOTAL DEPTH OF HOLE <i>30' bgs</i>		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <i>-</i>				
18. GEOTECHNICAL SAMPLES		<input checked="" type="checkbox"/> DISTURBED	<input type="checkbox"/> UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES <i>-</i>		
20. SAMPLES FOR CHEMICAL ANALYSIS		<input type="checkbox"/> VOC	<input type="checkbox"/> METALS	<input checked="" type="checkbox"/> OTHER (SPECIFY) <i>PFAS</i>	<input type="checkbox"/> OTHER (SPECIFY)	<input type="checkbox"/> OTHER (SPECIFY)
22. DISPOSITION OF HOLE		<input type="checkbox"/> BACKFILLED	<input checked="" type="checkbox"/> MONITORING WELL	<input type="checkbox"/> OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR <i>[Signature]</i>	
LOCATION SKETCH/COMMENTS					SCALE	
<div style="border: 1px dashed black; width: 100%; height: 100%;"></div>						
PROJECT					HOLE NO. <i>MCR1-MW18</i>	

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER
MCR1-MW18

PROJECT
Midwest PFAS

INSPECTOR
J. Graft

SHEET 2 OF 4 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)
	0	Fill, predominantly silt/clay, trace sand and gravel, trace asphalt debris. dk brown					12-15-22 hand auger 0-5' bgs
	1						12-16-22 Begin drilling
	2						
	3		66.9				
	4		109.6				
	5		0.0				
	6	clayey silt, soft, slight plasticity, some iron staining, v. dk grayish brown (10YR3/2)	0.1				
	7		0.0				
	8		0.0				
	9	clayey silt, med. stiff, slight to non-plastic, 20-30% calcareous material & nodules, brown (7.5YR5/4)	0.1				
	10		0.2				

PROJECT
Midwest PFAS - McCon

HOLE NO.
MCR1-MW18

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER
MCR1-MW18

PROJECT
Midwest PFAS

INSPECTOR
J. Gest

SHEET 3 OF 4 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	grading, from above into					
	11	Clayey silt, red stiff, non-plastic, few fine med sand, calcareous nodules up to gravel size, brown (7.5YR5/4)	0.0				
	12		0.4				
	13	increasing sand content, decreased calcareous nodule content, soft	1.2				
	14		1.3				
	15	increased clay content, slightly plastic	0.3				
	16	same as 13-13.9' interval	0.3				
	17		1.1				
	18	18.5-19.5' v. soft, moist, large cobble-sized calcareous nodules	1.2				
	19		1.0				
	20		0.7				

PROJECT
Midwest PFAS - McCas

HOLE NO.
MCR1-MW18

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER
MCR1-MW18

PROJECT
Midwest PFAS

INSPECTOR
J. Gadt

SHEET OF SHEETS
4 OF 4

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)
	20	Clay silt / silty clay, stiff, mod. plasticity Olive (5Y5/4)					
	21	occasional 2-3" calcareous nodules					
	22						
	23						
	24	Clayey Silt, soft, slight plasticity few fine sand, trace med. sand Olive (5Y5/4)					
	25						
	26	Same as 20-23.5' interval but v. stiff slightly platy structure (highly weathered shale?)					
	27	some iron-staining					
	28						
	29	29-30' bgs numerous gravel sized calcareous nodules + heavily iron-stained					
	30						

PROJECT
Bottom = 30 bgs

Midwest PFAS

HOLE NO
MCR1-MW18