

**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.

# Drilling Log

Project Name <b>TC Milepost 14</b>		Project No. 152919 Location <b>Washington, KS</b>			Boring Number <b>MW-02</b>		
Ground Elevation <b>1,264.70 ft. amsl</b>		Northing 551166.66 Easting 1594537.61		Latitude N39.84229 Longitude W96.99501		Page <b>1 of 2</b>	
TOC Elevation <b>1,267.69 ft. amsl</b>		Air Monitoring Equipment <b>4 Gas / PID</b>			Total Footage <b>25 feet</b>		
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured
Direct-Push + HSA	2.25" / 8.25"	25	0	1	NA	17.85	11-6-23
Drilling Company <b>PES</b>				Driller(s) <b>Jason Auernheimer</b>			
Drilling Rig <b>Geoprobe 7822</b>				Type of Sampler <b>Macro-Core</b>			
Date <b>10-31-23</b>		To <b>10-31-23</b>		Field Observer(s) <b>C. Hoglund</b>			

Elev. (ft msl)	Depth (ft)	Blow Counts	USCS Symbol	Recov. & Run Time	PID Rdg.	Description	Depth (ft)	Well Diagram	Remarks/ Notes
1264	1		CL	817	0	TOPSOIL CLAY - Very Dark Grayish Brown (10YR 3/2), with silt, trace-few very fine sand, medium-high consistency, low-medium plasticity, some roots, DRY.	1	<p style="text-align: center;">Bentonite and Annular Seal (bentonite chips)</p> <p style="text-align: center;">Filter Pack Sand</p>	START DRILLING 0812.
1263	2			4.7/5 94%	0	few-trace roots, some silt, trace very fine sand	2		
1262	3				0	Dark Gray (10YR 4/1), trace white to light gray calcium carbonate or gypsum root traces (fine mottling)	3		
1261	4				0	some white to light gray calcium carbonate or gypsum root traces (fine-moderate mottling).	4		
1260	5		CL	825	0	CLAY - Yellowish Brown (10YR 5/4), with silt, few very fine sand, with white-light gray calcium carbonate or gypsum root traces to pockets (fine-moderate mottling), trace-little dark iron-manganese oxide filled root traces, DRY.	5		
1259	6			2.7/5 54%	0		6		
1258	7				0		7		
1257	8				0	Light Yellowish Brown (2.5Y 2/4), with silt and some very fine sand	8		
1256	9				0		9		
1255	10		CL	831	0	CLAY - Light Olive Brown (2.5Y 5/4), with silt, some very fine sand, low-medium consistency, weak (fine-med crumb texture), low plasticity, DAMP.	10		
1254	11			5/5 100%	0		11		
1253	12				0		12		
1252	13				0		13		
1251					0	trace-few small/fine black coaly to organic inclusions, low-medium plasticity, DAMP-MOIST.			

LOG/MONITOR WELL DIAGRAM - ENV1\_CM TC MILEPOST 14 MW INSTALL\_OCT-NOV\_2023 (1).GPJ WILLIAMS.GDT 12/12/23

# Drilling Log, continued

Project Name TC Milepost 14							Boring Number MW-02		
Project Number 152919							Page 2 of 2		
							Date 10-31-23		
Elev. (ft msl)	Depth (ft)	Blow Counts	USCS Symbol	Recov. & Run Time	PID Rdg.	Description	Depth (ft)	Well Diagram	Remarks/ Notes
1250	15		CL		0	CLAY - Light Olive Brown (2.5Y 5/4), with silt, some very fine sand, low-medium consistency, weak (fine-med crumb texture), low plasticity, DAMP.	15	10' screen; 2" diameter Sch. 40 PVC; 0.01" machine-slotted.	Collect MW-02/SS01 14'-15' split sample SS01 (14 - 15)
1249	16		CH	840	0	CLAY - Light Olive Brown (2.5Y 5/4), with silt, some very fine sand, low consistency, soft, high plasticity, MOIST.	16		
1248	17			5/5 100%	0		17		
1247	18				0		18		
1246	19				0		19		
1245	20		CH	850	0	CLAY - Light Olive Brown (2.5Y 5/7), with silt, some very fine sand, low-medium consistency, soft, high plasticity, MOIST-WET.	20		
1244	21			5/5 100%	0		21		
1243	22				0		22		
1242	23				0	very soft	23		
1241	24		CH		0	CLAY - Light Olive Brown (2.5Y 5/4), with sand, some silt, low consistency, soft, medium-high plasticity, WET.	24		
1240	25				0	End of Boring = 25.0 ft bgs. No refusal encountered.	25	end cap (threaded)	End of Boring 25' bgs; no refusal encountered. 930-1145 HSA drill to 0'-25' bgs and install 2" MW.
1239	26						26		
1238	27						27		
1237	28						28		
1236	29						29		
1235	30						30		
1234									

LOG/MONITOR WELL DIAGRAM - ENV1\_CM TC MILEPOST 14 MW INSTALL\_OCT-NOV\_2023 (1).GPJ WILLIAMS.GDT 12/12/23