

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.

Drilling Log

Project Name TC Milepost 14		Project No. 152919 Location Washington, KS		Boring Number MW-07	
Ground Elevation 1,252.71 ft. amsl		Northing 556342.94 Easting 1598158.75	Latitude N39.85639 Longitude W96.98191	Page 1 of 2	
TOC Elevation 1,255.34 ft. amsl		Air Monitoring Equipment 4 Gas / PID		Total Footage 25 feet	

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	20.38	11-6-23

Drilling Company PES			Driller(s) Jason Auernheimer		
Drilling Rig Geoprobe 7822			Type of Sampler Macro-Core		
Date 11-3-23		To 11-4-23		Field Observer(s) C. Hoglund	

Elev. (ft msl)	Depth (ft)	Blow Counts	USCS Symbol	Recov. & Run Time	PID Rdg.	Description	Depth (ft)	Well Diagram	Remarks/ Notes
1252	1		ML	1059	0	SILT- Grayish Brown (10YR 5/2-5/3), trace-little very fine sand, trace clay, low-medium density, weak (crumbles), no-trace plasticity, few-little root traces, DRY.	1	<p style="font-size: small;">Bentonite and Annular Seal (bentonite chips)</p> <p style="font-size: small;">Filter Pack Sand</p>	<p>1054 START DRILLING; direct-push Macro-Core</p>
1251	2			4.8/5 96%	0		2		
1250	3				0		3		
1249	4		ML		0	littl-some Dark to Very Dark Grayish Brown (10YR 4/2-3/2) mottling, medium to high density, weak, trace roots, DRY.	4		
1248	5			1057	0		5		
1247	6				0		6		
1246	7		ML	4.6/5 92%	0	SILT - Light Grayish Brown (10YR 6/3), trace very fine sand, low-medium density, weak, trace roots, DRY.	7		
1245	8				0		8		
1244	9		ML		0	some very fine sand	9		
1243	10			1103	0		10		
1242	11		SP	4.2/5 84%	0	SAND - Pale Brown (10YR 6/3), very fine grain, some-with silt, low-medium density, loose, slightly micaceous, trace iron oxide and manganese oxide mottling to streaks (very fine to fine), DRY-DAMP.	11		
1241	12				0		12		
1240	13				0		13		
1239								<p>Collect MW-07/SS01 13'-14' Collected sample. SS01</p>	

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-07		
Project Number 152919							Page 2 of 2		
							Date 11-3-23		
Elev. (ft msl)	Depth (ft)	Blow Counts	USCS Symbol	Recov. & Run Time	PID Rdg.	Description	Depth (ft)	Well Diagram	Remarks/ Notes
1238	15		SP		0	SAND - Pale Brown (10YR 6/3), very fine grain, some-with silt, low-medium density, loose, slightly micaceous, trace iron oxide and manganese oxide mottling to streaks (very fine to fine), DRY-DAMP.	15	10' screen; 2" diameter Sch. 40 PVC; 0.01" machine-slotted.	13'-14' (13 - 14)
				1107	0				
1237	16		SM	3.7/5 74%	0	SAND - Brown (10YR 5/3), very fine grain, some-with silt, low-medium density, loose, slightly micaceous, trace iron oxide and manganese oxide mottling to streaks (very fine to fine), DRY-DAMP.	16		
1236	17				0	SAND - Dark Grayish Brown (10YR 4/2), very fine grain, with silt, some clay, soft, low-medium plasticity, trace roots, MOIST.	17		
1235	18		SP		0	SAND - Pale Yellow (2.5Y 7/3-7/4), very fine to fine grain, low density, loose, quartz-rich, DAMP-MOIST.	18		
1234	19		CL		0	CLAY - Grayish Brown (2.5Y 5/2), with silt and very fine sand, trace fine sand, trace iron oxide root traces, WET.	19		
1233	20				0		20		
1232	21				0		21		
1231	22			3/5 60%	0		22		
1230	23				0		23		
1229	24		SP		0	SAND - very fine to fine grain, quartz-rich, low-medium density, WET. With Dark Gray to Gray (2.5Y 4/1-5/1) clay interbeds/partings (with silt and very fine sand).	24		
1228	25				0		25	end cap (threaded)	
1227	26					End of Boring = 25 ft bgs; no refusal encountered.	26		End of Boring 25' bgs; no refusal encountered.
1226	27						27		11/2/2023 - 1200 HSA drill to 6' bgs but gearbox worn out. Replaced HSA gearbox; 1625-1645 HSA drill 6-10' bgs.
1225	28						28		11/3/2023 - 815-1100 HSA dill 10'-25' bgs and install 2" MW.
1224	29						29		
1223	30						30		
1222									

LOG/MONITOR WELL DIAGRAM - ENV1_CM TC MILEPOST 14 MW INSTALL_OCT-NOV_2023 (1).GPJ WILLIAMS.GDT 12/12/23