

WATER WELL RECORD Form WWC-5

(KGS DR)

Division of Water Resources App. No.

Blank box for application number

Well ID

053-MW001

1 LOCATION OF WATER WELL:

County: Johnson

Fraction

SW 1/4 SW 1/4 SE 1/4 SE 1/4

Section Number

8

Township Number

T 13 S

Range Number

R 22 E W

2 WELL OWNER: Last Name: Sunflower First: AAP

Business: US Army Corp of Engineers - KCD

Address: 635 Federal Building

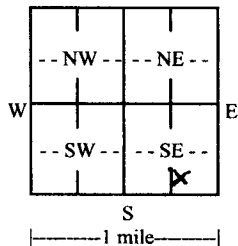
Address: 601 East 12th Street

City: Kansas City

State: MO ZIP: 61406

Street or Rural Address where well is located... Sunflower Redevelopment, LLC 105345 W. 103rd Street, DeSoto, KS66019

3 LOCATE WELL WITH 'X' IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 23 ft.

Depth(s) Groundwater Encountered: 1) 7 ft. 2) N/A ft. 3) N/A ft. or 4) Dry Well
WELL'S STATIC WATER LEVEL: 7.67 ft.
below land surface, measured on (mo-day-yr) 1/9/2022
Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm

5 Latitude: 38.927749 (decimal degrees)

Longitude: -94.9875305 (decimal degrees)
Horizontal Datum: [X] WGS 84 [] NAD 83 [] NAD 27
Source for Latitude/Longitude: [] GPS [] Land Survey [] Topographic Map [X] Online Mapper: Google Earth
Elevation: 821.00 ft. [X] Ground Level [] TOC
Source: [] Land Survey [] GPS [] Topographic Map [X] Other: Google Earth

7 WELL WATER TO BE USED AS:

- 1. Domestic: [] Household [] Lawn & Garden [] Livestock
2. [] Irrigation
3. [] Feedlot
4. [] Industrial
5. [] Public Water Supply: well ID
6. [] Dewatering: how many wells?
7. [] Aquifer Recharge: well ID
8. [X] Monitoring: well ID 053-MW001
9. Environmental Remediation: well ID
10. [] Oil Field Water Supply: lease
11. Test Hole: well ID
12. Geothermal: how many bores?
13. [] Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No If yes, date sample was submitted:

Water well disinfected? [] Yes [X] No

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [X] Threaded

Casing diameter: 2 in. to 13.0 ft., Diameter: N/A in. to N/A ft., Diameter: N/A in. to N/A ft.
Casing height above land surface: 30 in. Weight: N/A lbs./ft. Wall thickness or gauge No. Sch. 40

TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Other (Specify)
[] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: [] Continuous Slot [X] Mill Slot [] Gauze Wrapped [] Torch Cut [] Drilled Holes [] Other (Specify)
[] Louvered Shutter [] Key Punched [] Wire Wrapped [] Saw Cut [] None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 13.0 ft. to 23.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.
GRAVEL PACK INTERVALS: From 10.0 ft. to 23.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete 0 to 2

Grout Intervals: From 2 ft. to 10.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

Nearest source of possible contamination: [] Septic Tank [] Lateral Lines [] Pit Privy [] Livestock Pens [] Insecticide Storage
[] Sewer Lines [] Cess Pool [] Sewage Lagoon [] Fuel Storage [] Abandoned Water Well
[] Watertight Sewer Lines [] Seepage Pit [] Feedyard [] Fertilizer Storage [] Oil Well/Gas Well
[] Other (Specify)

Direction from well? Distance from well?

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Content: Detailed boring logs attached.


Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 11/3/2021 and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 759. This Water Well Record was completed on (mo-day-year) 3/13/2022 under the business name of RAZEK Environmental, LLC. Signature: [Signature]

HTW DRILLING LOG

HOLE NO.
05SP2002
SHEET 1
OF 1 SHEETS 3

1. COMPANY NAME Burns & McDonnell		2. DRILLING SUBCONTRACTOR Razer				
3. PROJECT SFAAP RFI SWMUS3		4. LOCATION SWMU 53				
5. NAME OF DRILLER Tony Poulter		6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe				
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	2 1/4" Macro core		8. HOLE LOCATION KS			
	6 1/4" HSA					
	6" Air Rotary					
9. SURFACE ELEVATION		10. DATE STARTED 11/3/2021	11. DATE COMPLETED 11/3/2021			
12. OVERBURDEN THICKNESS 4.5'		16. DEPTH GROUNDWATER ENCOUNTERED 13'				
13. DEPTH DRILLED INTO ROCK 18.5'		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED				
14. TOTAL DEPTH OF HOLE 23'		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)				
18. GEOTECHNICAL SAMPLES NA	DISTURBED NA	UNDISTURBED NA	19. TOTAL NUMBER OF CORE BOXES NA			
20. SAMPLES FOR CHEMICAL ANALYSIS NA	VOC NA	METALS NA	OTHER (SPECIFY) NA	OTHER (SPECIFY) NA	OTHER (SPECIFY) NA	21. TOTAL CORE RECOVERY NA %
	22. DISPOSITION OF HOLE Piezometer	BACKFILLED	MONITORING WELL P2	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR 	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	0	CLAY, some silt, very dark brown (10YR 2/2), moist to dry with depth, medium damp plasticity, stiff to very stiff with depth	0.0				1125 begin macro core sampling
	1		0.0				
	2	CLAY, trace silt, dark yellowish brown (10YR 4/6), damp, medium plasticity, very stiff	0.0				
	3		0.0				
	4		0.0				HSA to 6.5' at 1140
	5	SHALE, highly weathered, damp, trace plasticity, dark yellow brown (10YR 4/6)	0.0				

HTW DRILLING LOG

HOLE NO.
053P2002

PROJECT
SFAAP RFI SWMU53

INSPECTOR
Robert

SHEET #
OF 2 SHEETS 3

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
	5	SHALE, highly weathered, damp, trace plasticity, dark yellow brown (10YR 4/6)					Limestone fragments ~5-6' Air Rotary started 1150
	6						
	7						
	8	LIMESTONE, medium strength, olive gray (5Y 4/4) dry					
	9						
	10						
	11						
	12						
	13	Interbedded LIMESTONE and SHALE Shale (10YR 7/4) grayish orange LS (5Y 6/) light olive gray					1205
	14						

HTW DRILLING LOG

HOLE NO. **053P2002**
 SHEET **4** OF **3** SHEETS **3**

PROJECT **SFAAP RFI SWMU53**

INSPECTOR *[Signature]*

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h	
	14	Interbedded LIMESTONE and SHALE					periods of hard and light drilling throughout	
	15							
	16							
	17							
	18							1215
	19							
	20							
	21							
	22							
	23						Finished at 1225 Bottom of boring	