

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Johnson		Fraction ¼ NE ¼ SW ¼ SE ¼	Section Number 20	Township No. T 13 S	Range Number R 22 ☒ E ☐ W	
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ 35423 W 103rd Former Sunflower Army Ammunition Plant DeSoto, Kansas 66018			Global Positioning System (GPS) information: Latitude: North 221170.021 (in decimal degrees) Longitude: East 2168979.770 (in decimal degrees) Elevation: Datum: ☐ WGS 84, ☐ NAD 83, ☐ NAD 27 Collection Method: ☒ GPS unit (Make/Model: TRIMBLE RANGER) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☒ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m			
2 WATER WELL OWNER: SUNFLOWER REDEVELOPMENT RR#, Street Address, Box #: 7991 SHAFER PARKWAY, SUITE 100 City, State, ZIP Code: LITTLETON, CO 80127						
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S 1 mile		4 DEPTH OF COMPLETED WELL 15.0 ft. Depth(s) Groundwater Encountered (1) 14.75 ft. (2) N/A ft. (3) N/A ft. WELL'S STATIC WATER LEVEL 14.75 ft. below land surface measured on mo/day/yr. 7-23-10 Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm EST. YIELD N/A gpm. Well water was N/A ft. after N/A hours pumping N/A gpm Bore Hole Diameter 8.25 in. to 15.0 ft., and N/A in. to N/A ft. WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well ☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below) ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☒ Monitoring well AO5MW003 Was a chemical/bacteriological sample submitted to Department? ☐ Yes ☒ No If yes, mo/day/yr sample was submitted N/A Water well disinfected? ☐ Yes ☒ No				
5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded Casing diameter 2 in. to 10.0 in. ft., Diameter N/A in. to N/A ft., Diameter N/A in. to N/A ft. Casing height above land surface 2.80 in., Weight N/A lbs./ft., Wall thickness or gauge No. Schedule 40 TYPE OF SCREEN OR PERFORATION MATERIAL: ☐ Steel ☐ Stainless Steel ☒ PVC ☐ Other (Specify) ☐ Brass ☐ Galvanized Steel ☐ None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: ☐ Continuous slot ☒ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole) ☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) SCREEN-PERFORATED INTERVALS: From 10.0 ft. to 15.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft. GRAVEL PACK INTERVALS: From 7.6 ft. to 15.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.						
6 GROUT MATERIAL: ☒ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other 3 ft of bentonite above screen Grout Intervals: From 1 ft. to 4.6 ft., From 4.6 ft. to 7.6 ft., From N/A ft. to N/A ft. What is the nearest source of possible contamination: ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☐ Other (specify below) ☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well Direction from well Distance from well						
FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1.4	Stiff, damp, medium to highly plastic, dark yellowish brown clay fill				
1.4	8.5	Very stiff, moist, dark yellowish brown, highly plastic clay				
8.5	14.5	Stiff, moist low plastic, yellowish brown, sandy Clay				
14.4	14.5	Weathered limestone gravel				
15.0		Bedrock refusal on limestone				
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 7-13-10 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) 7-24-10 under the business name of RAZEK Environmental, LLC by (signature) [Signature] INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html .						