

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

[ ]

Well ID A16MW004

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Johnson Fraction 1/4 SW 1/4 SW 1/4 NE 1/4 Section Number 18 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 601 East 12th Street City: Kansas City State: MO ZIP: 61406 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: Sunflower Redevelopment, LLC 105345 W. 103rd Street, DeSoto, KS66019

3 LOCATE WELL WITH 'X' IN SECTION BOX: N W E S [Diagram showing a 3x3 grid with 'X' in the center square]

4 DEPTH OF COMPLETED WELL: 9.0 ft. Depth(s) Groundwater Encountered: 1) 4.4 ft. 2) N/A ft. 3) N/A ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 1.5 ft. below land surface, measured on (mo-day-yr) Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm Well water was N/A ft. after N/A hours pumping N/A gpm Estimated Yield: N/A gpm Bore Hole Diameter: 7.25 in. to 9.0 ft. and in. to ft.

5 Latitude: 38.92220 (decimal degrees) Longitude: -95.00730 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: ) (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: Google Earth 6 Elevation: 913.00 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other: Google Earth

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2. Public Water Supply: well ID 3. Dewatering: how many wells? 4. Aquifer Recharge: well ID 5. Monitoring: well ID A16MW004 6. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 7. Oil Field Water Supply: lease 8. Test Hole: well ID Cased Uncased Geotechnical 9. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 10. Other (specify):


Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 4.0 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 PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot 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 4.0 ft. to 9.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft. GRAVEL PACK INTERVALS: From 2.0 ft. to 9.0 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete 0 to 1 Grout Intervals: From 1 ft. to 2.0 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? ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: Attached

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 5/15/2023 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) 5/10/2023 under the business name of RAZEK Environmental, LLC. Signature [Signature]

<b>HTRW DRILLING LOG</b>		DISTRICT <b>Kansas USACE</b>		HOLE NUMBER <b>A16MW004</b>	
1. COMPANY NAME <b>AECOM</b>		2. DRILLING <b>RAZEK</b>		SHEET <b>1 OF 2</b>	
3. PROJECT <b>Sunflower AAP</b>			4. LOCATION <b>A16MW0002</b>		
5. NAME OF DRILLER <b>Tony Poulter</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>GeoProbe 7822DT</b>		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>Macro core barrel 3.25" ID HSA<sub>3</sub></b>			8. HOLE LOCATION <b>A16-AMMW0002</b>		
			9. SURFACE ELEVATION <b>NA</b>		
			10. DATE STARTED <b>5-15-23</b>	11. DATE COMPLETED <b>5-15-23</b>	
12. OVERBURDEN THICKNESS <b>9.0</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>NA</b>		
13. DEPTH DRILLED INTO <b>0.0</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING <b>NA</b>		
14. TOTAL DEPTH OF HOLE <b>9.0</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>NA</b>		
18. GEOTECHNICAL SAMPLES		DISTURBED <b>NA</b>	UNDISTURBED <b>NA</b>	19. TOTAL NUMBER OF CORE BOXES <b>NA</b>	
20. SAMPLES FOR CHEMICAL		VOC <b>NA</b>	METALS <b>NA</b>	OTHER (SPECIFY) <b>NA</b>	OTHER (SPECIFY) <b>NA</b>
22. DISPOSITION OF HOLE		BACKFILLED	MONITORING WELL <b>X</b>	OTHER (SPECIFY)	21. TOTAL CORE
				23. SIGNATURE OF INSPECTOR 	

LOCATION SKETCH/COMMENTS

SCALE:



PROJECT <b>Sunflower AAP</b>	HOLE <b>A16MW004</b>
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HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE A16 MW004
PROJECT Sunflower AAP				Inspector M. Exceen			SHEET 2 OF 2 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 COUNTS g.	REMARKS h.
	1	Gravel fill					Boring Advanced w/ Macro core Barrel Reamed w/ 3.25 ID HSA's
	2	FAT clay (CH), stiff, moist, gray w/ Iron oxide staining					A = 4/5
	3						
	4						
	5						A = 4/4
	6						
	7						
	8						
	9						
	10						BOB 9.0' Refusal MW Installed
Project Sunflower AAP						HOLE NO. A16 MW004	