

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

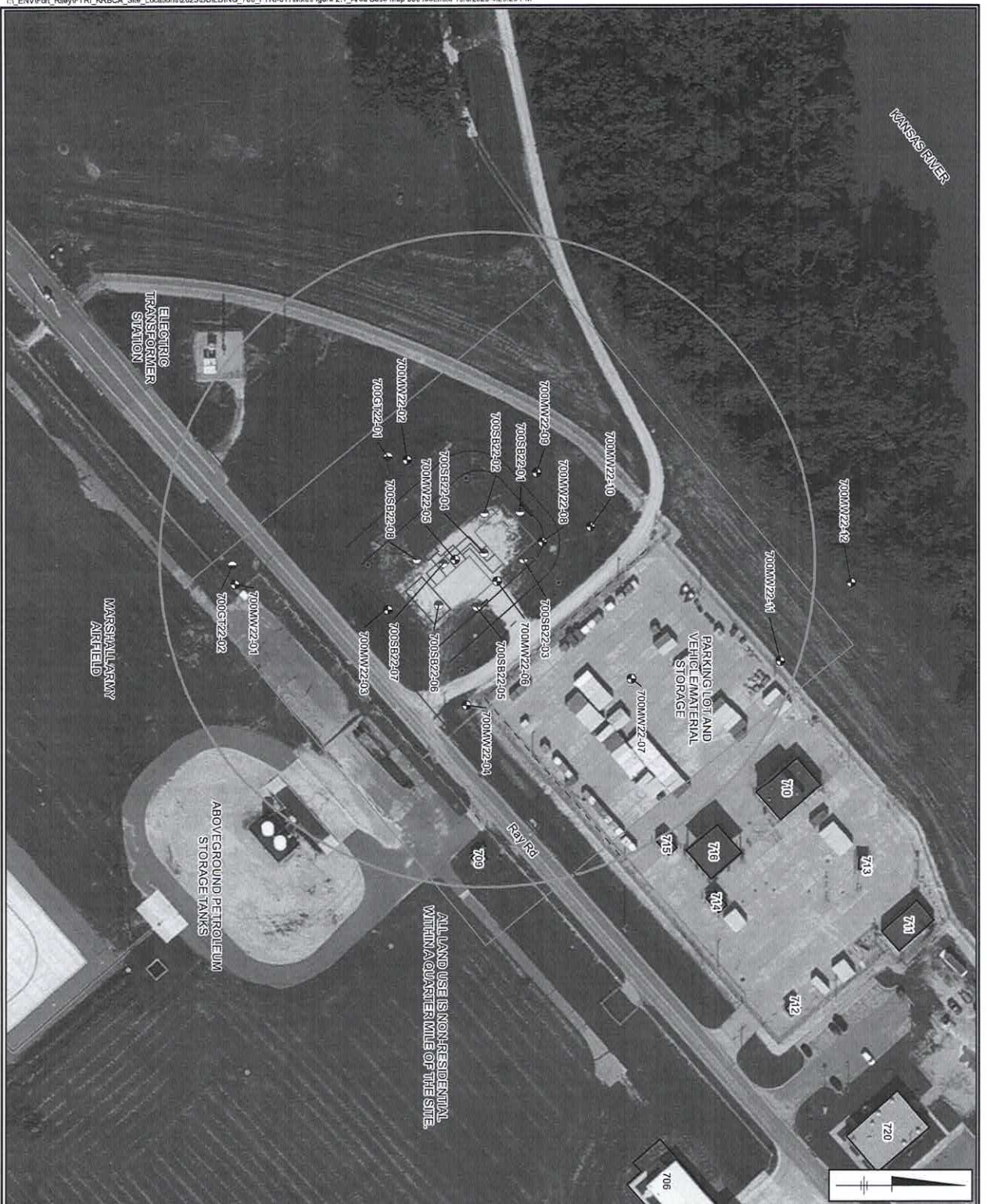
COMMENTS

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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.



ALL LAND USE IS NON-RESIDENTIAL WITHIN A QUARTER MILE OF THE SITE.

LEGEND

- FIRE HYDRANTS
- 700MW22-06 MONITORING WELL (12 LOCATIONS)
- 700GB22-04 GEOTECHNICAL BORING (2 LOCATIONS)
- 700SB22-01 SOIL BORING (8 LOCATIONS)
- FORMER PRODUCT LINE
- FORMER ROAD
- OVER HEAD POWER LINE
- U.G. COMMUNICATION LINE (3 FEET)
- U.G. POWER LINE (3 FEET)
- U.G. WATER LINE (3 FEET)
- ▭ BUILDINGS
- ▭ DISPENSER AREA
- ▭ FORMER PUMP HOUSE BUILDING
- ▭ FORMER TANK BASIN
- ▭ SITE BOUNDARY
- ▭ TEMPORARY OFFICE TRAILER LOCATION
- ▭ 350 FEET RADIUS

ACRONYMS:

U.G. - UNDERGROUND UTILITIES

NOTE:

DEPTHS FOR U.G. UTILITIES NOTED IN FEET BELOW GROUND SURFACE.
 NO BASEMENTS LOCATED WITHIN 350 FEET OF SITE.
 ALL PROPERTY IN VIEW OWNED BY FEDERAL GOVERNMENT.



**FT RILEY, MARSHALL FIELD,
 BLDG 700
 U5-081-11827**

**AREA BASE MAP
 350 FEET**



**FIGURE
 2.1**

Soil Boring Log

Project Name: Ft. Riley, Marshall Field, Bldg 700

Date Started: 7/27/2022

Logger: M. West

KDHE Project Code: U5-081-11827

Date Completed: 7/27/2022

Project Location: Marshall Army Air Field, Fort Riley, KS

Depth (feet)	Shake Tests	Sample ID & Time	Recovery (%)	PID (ppm)	USCS Class.	Description	Construction Details
2			100%	0.0	GP	(0-1.5') Gravel with sand fine grained, sub angular, poorly graded, very loose, moist, gray	Concrete
				13.3	SP	(1.5-3.5') SAND with gravel and clay, fine sands, very loose, poorly graded, non cohesive, sub angular, moist, light gray	
4			100%	7.2			SP
				175			
6			100%	117.3	SP	(3.5-12') SAND, with, silt with clay, loose, cohesive, poorly graded, fine grained, sub angular, slight hydrocarbon odor, moist, dark brown	Bentonite Chips
				340.5			
8			100%	4.5	SP	(3.5-12') SAND, with, silt with clay, loose, cohesive, poorly graded, fine grained, sub angular, slight hydrocarbon odor, moist, dark brown	2-inch diameter PVC Riser
				4.6			
10			100%	4.8	SP	(3.5-12') SAND, with, silt with clay, loose, cohesive, poorly graded, fine grained, sub angular, slight hydrocarbon odor, moist, dark brown	2-inch diameter PVC Riser
				5.5			
12			100%	120.1	ML	(12-14') SILT, with sand, low plastic, medium to fine sand, well graded with clay layers, strong hydrocarbon odor	2-inch diameter PVC Riser
				232.8			
14			100%	413.2	ML	(12-14') SILT, with sand, low plastic, medium to fine sand, well graded with clay layers, strong hydrocarbon odor	2-inch diameter PVC Riser
				212.2			
16			100%	148.2	ML	(14-18.5') SILT, with, non plastic, soft, medium to fine grained sand, well graded, strong hydrocarbon odor, wet, dark gray	2-inch diameter PVC Riser
				171.4			
18			100%	263.1	ML	(14-18.5') SILT, with, non plastic, soft, medium to fine grained sand, well graded, strong hydrocarbon odor, wet, dark gray	2-inch diameter PVC Riser
				194.8			
20			100%	214.1	SW	(18-30') SAND, primary dark gray mixed with light gray and white coarse to fine grained, well graded, very loose, non cohesive, strong hydrocarbon odor	2-inch diameter PVC Riser
				222.1			

Drilling Co.: EWI
 Driller: Victor Taylor
 Drilling Method: Sonic Drilling
 Drilling Fluid: NA
 Remarks: Hand auger first 5 feet
 Field Screening: MiniRae 3000

Sampling Method: Sonic Core Barrel Sampler
 Sampling Interval: Continuous
 Water Level Start: 21FT
 Water Level Finish: NA
 Converted to Well: Yes

Concrete
 Bentonite Chips
 2-inch diameter PVC Riser
 10/20 Sand Filter
 Pack
 2-inch diameter, 10-slot

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Date Completed: 7/27/2022

Project Location: Marshall Army Air Field, Fort Riley, KS

Depth (feet)	Shake Tests	Sample ID & Time	Recovery (%)	PID (ppm)	USCS Class.	Description	Construction Details
22			100%	27.3	SW	(18-30') SAND, primary dark gray mixed with light gray and white coarse to fine grained, well graded, very loose, non cohesive, strong hydrocarbon odor	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">2-inch diameter, 10-slot PVC Screen</div> <div style="border: 1px solid black; padding: 2px;">10/20 Sand Filter Pack</div> </div>
				12.4			
				38.2			
24				57.3			
				46.1			
				19.8			
26				29.4			
				51.2			
28				367.3			
				792.4			
30						End of boring at 30 feet below ground surface	
32							
34							
36							
38							
40							

Remarks:
