WATER WELL RECORD (WWC-5)

Constructed

KOLAR DOC ID 1775306 WELL ID 700MW22-07

✓ Original Record ☐ Correction ☐ Change in Well Use

LOCATION OF WATER WELL

Latitude	39.053167	Longitude	-96.771851	Section		Township		Range	☐E ☐W	Fraction	¼	¼ ¼
Datum	NAD83	Elevation	1063	County								

WATER WELL OWNER

Name	
Business	FORT RILEY
Address	BLDG 700 FORT RILEY KS 66442
Well location ✓ at owner's address	MARSHALL ARMY AIR FIELD FORT RILEY, KS

WELL WATER USE

Environmental Remediation / Monitoring Mc

COMPLETION

Depth of completed well: 29.59 ft.

Depth(s) groundwater encountered:

(1) _____ ft.; (2) _____ ft.;

(3) _____ ft.; (4) ☐ dry well

Static water level in well: 25.17 ft.

✓ measured below land surface on (mm/dd/yy): 02/13/2023

☐ 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.

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: _____

KDHE / EPA Project Code: U5-81-11827

Site Name: FORT RILEY

KDHE UIC Class V Form Completed: ☐ Yes ☐ No

County Permit: ☐ Yes ☐ No Permit ID: _____

Lease Name & Well #: _____

# of boreholes: _____ # of dewatering wells: _____

CONSTRUCTION

Borehole interval: from 0 to 29.59 ft.

from _____ to _____ ft.

Borehole diameter: 8.25 in.

_____ in.

Casing height above land surface: 36 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: ThermalPlastic

Blank casing interval: 0 ft. to 15 ft.

Blank casing diameter: 2 in.

Casing joints: Threaded

Weight: _____ lbs/ft.

Wall thickness or gauge no.: SCH 40

Blank casing interval: _____ ft. to _____ ft.

Blank casing diameter: _____ in.

Casing joints: _____

Weight: _____ lbs/ft.

Wall thickness or gauge no.: _____

Grout interval: 0 ft. to 13 ft.

Grout material: Bentonite

Grout interval: _____ ft. to _____ ft.

Grout material: _____

Screen / perforation material: PVC

Screen / perforation openings: Mill slot

Screen / perforation intervals:

From 15 ft. to 29.59 ft.

Slot size .01 unit inches

From _____ ft. to _____ ft.

Slot size _____ unit _____

Gravel pack intervals:

Gravel pack not used: ☐ Gravel size _____ in

From 13 ft. to 29.59 ft.

Gravel pack not used: ☐ Gravel size _____ in

From _____ ft. to _____ ft.

LITHOLOGIC LOG

FROM	TO	LITHOLOGY INTERVALS
0	30	other,SEE ATTACHMENT

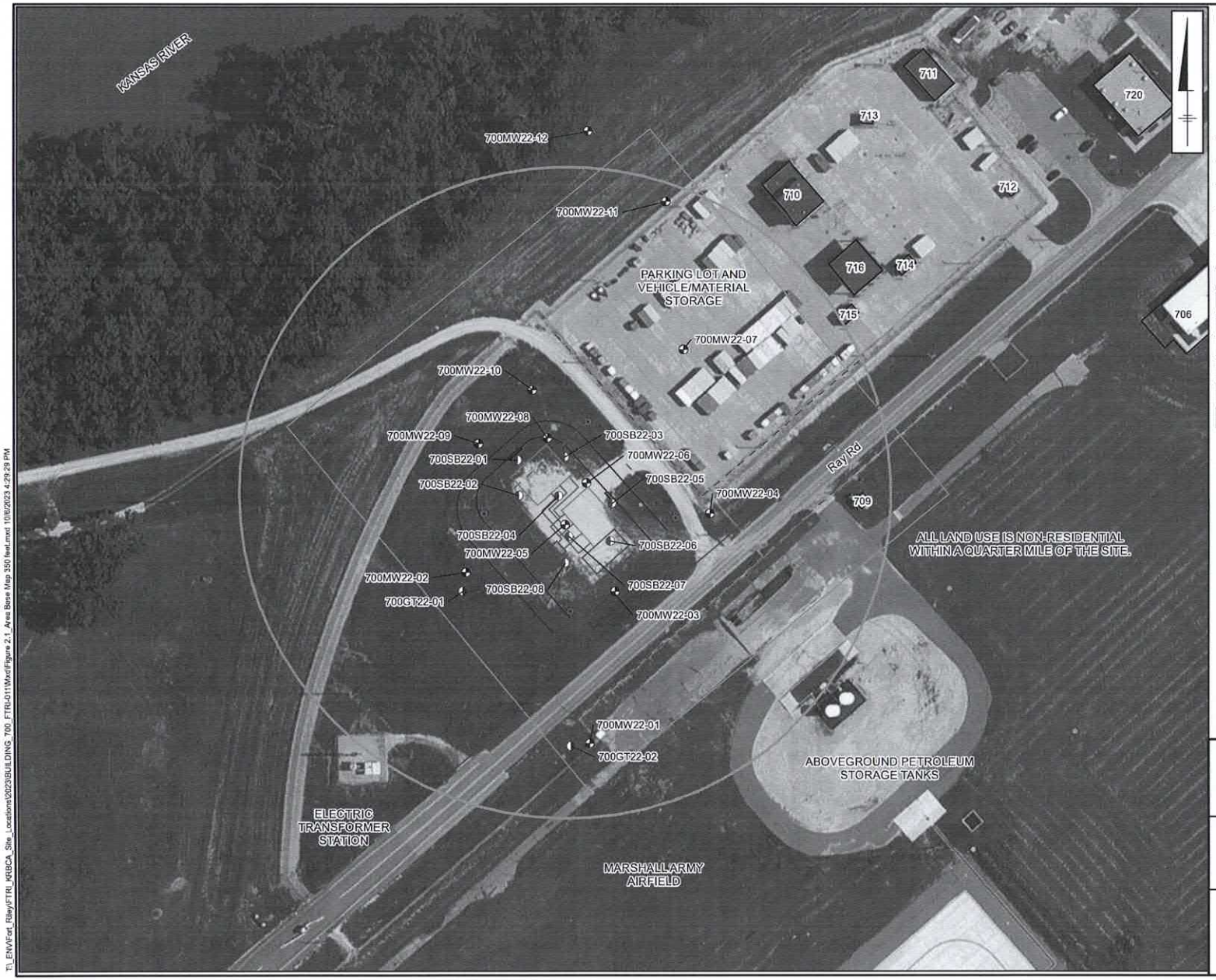
COMMENTS

Directorate of Publicworks Environmental, Fort Riley

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well contractor's license and was completed on 07/28/2022. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on 05/09/2024 under the business name of Environmental Works, Inc., Kansas Water Well Contractor's License No. 753 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: Paul Feld.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.



LEGEND

- FIRE HYDRANTS
- 700MW22-06 MONITORING WELL (12 LOCATIONS)
- 700SB22-04 GEOTECHNICAL BORING (2 LOCATIONS)
- 700GT22-01 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.

0 50 100 200 Feet

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

AREA BASE MAP
350 FEET

USAEC

FIGURE 2.1

T:_ENVI\Cart_Riley\FTRI_KRBCA_Site_Locations\2023\BUILDING_700_FTRI-011\Mxd\Figure 2.1_Area Base Map 350 feet.mxd 10/6/2023 4:29:28 PM

Boring No.: 700MW22-07

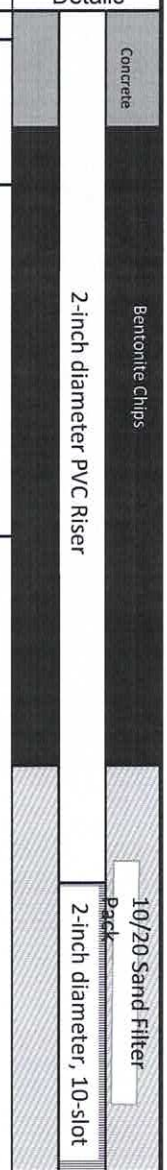
Soil Boring Log

Sheet : 1 of 2

Project Name: Ft. Riley, Marshall Field, Bldg 700
KDHE Project Code: U5-081-11827
Project Location: Marshall Army Air Field, Fort Riley, KS
Date Started: 7/28/2022
Date Completed: 7/28/2022
Logger: M. West

Depth (feet)	Shake Tests	Sample ID & Time	Recovery (%)		PID (ppm)	USCS Class.	Description
			Hand auger		0.0		(0-.0') Cement, gray
					0.0	GP	(.0-3') Gravel with clay, poorly graded
2				100%	0.0		
					0.0		
4					0.0	MH	(3-9') Clayey silt, soft, low plastic, moist, gray
					0.0		
			Sonic Drilling		0.0		
6					0.1		
				100%	3.6		
8					0.1		
					0.3	SP	(9-20') Sand, loose, fine grained, poorly graded, non cohesive, sub angular moist gray
10					0.0		
					0.0		
12				100%	0.5		
					0.1		
14					0.0		
					0.4		
16					0.1		
				100%	15.7		
18					5.2		
					5.5		
20							

Construction Details



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

Boring No.: 700MW22-07

Soil Boring Log

Sheet : 2 of 2

Project Name: Ft. Riley, Marshall Field, Bldg 700
Date Started: 7/28/2022
Logger: M. West
KDHE Project Code: U5-081-11827
Date Completed: 7/28/2022
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			Sonic Drilling	100%	0.0	SW	(20-30') SAND, well graded, very loose, medium to coarse grained, non-cohesive, no odor, interbedded with fine to medium grained, brown sand, sub rounded with few large pebbles and some limestone pieces.	2-inch diameter, 10-slot PVC Screen; 10/20 Sand Filter Pack
24					0.0			
26					0.0			
28					0.0			
30					0.0			
32							End of boring at 30 feet below ground surface	
34								
36								
38								
40								

Remarks: