

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

| |
|--|
| |
|--|

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 |
|------|----|---------------------|
| | | |
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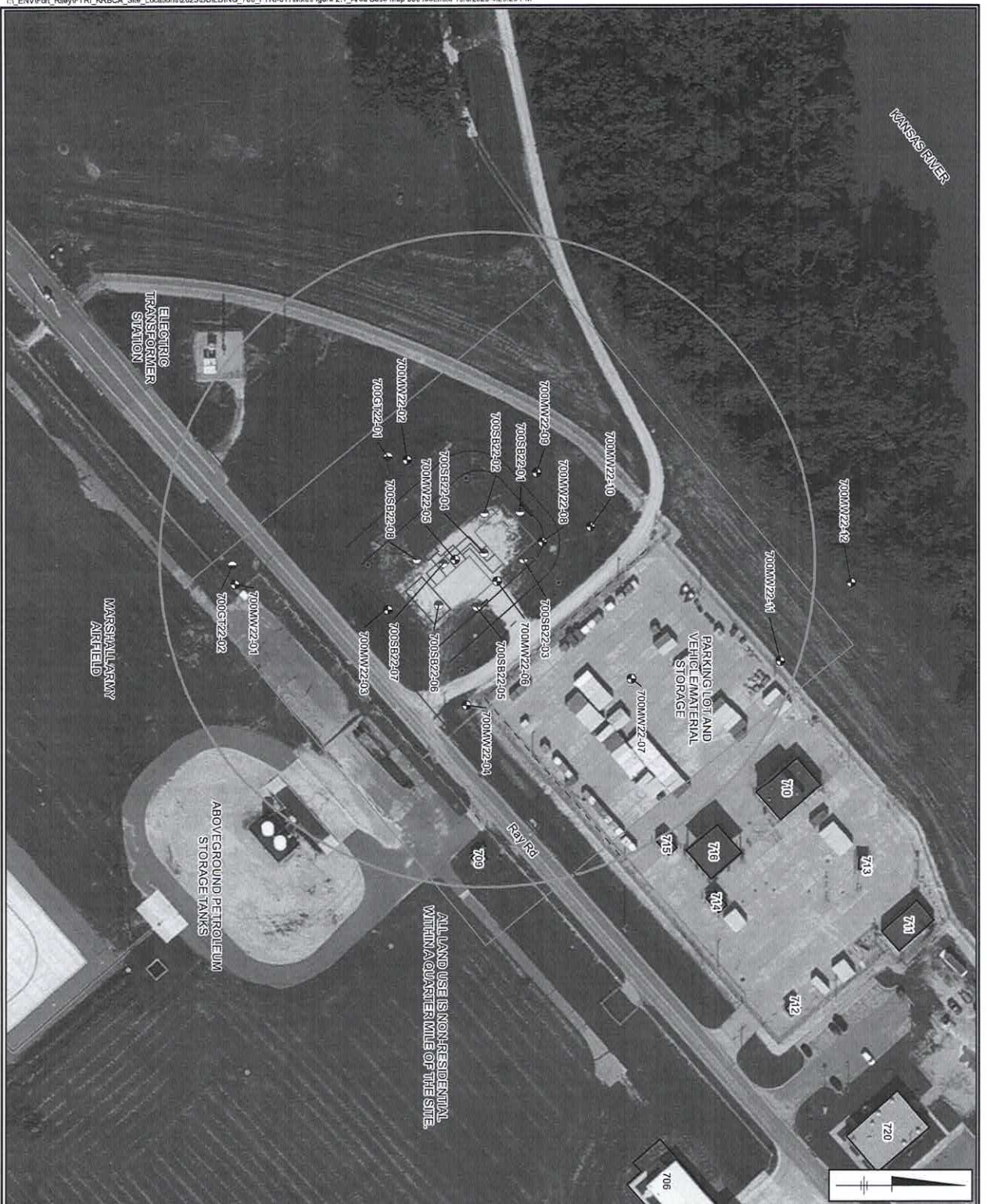
COMMENTS

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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
 KDHE Project Code: U5-081-11827
 Project Location: Marshall Army Air Field, Fort Riley, KS

Date Started: 7/29/2022
 Date Completed: 7/29/2022
 Logger: M. West

| Depth (feet) | Shake Tests | Sample ID & Time | Recovery (%) | PID (ppm) | USCS Class. | Description | Construction Details | |
|--------------|-------------|------------------|--------------|-----------|-------------------|--|--|-----------------|
| 0 | | | 100% | 0.0 | SC | (0-1.5') Clayey sands, with silt, grass/roots - organics | Concrete | |
| 1 | | | | 0.0 | SM | (1.5-10') Silty Sand, loose, fine grained, non cohesive, poorly graded, sub angular, no odor | | |
| 2 | | | | 0.0 | | | | |
| 3 | | | | 0.0 | | | | |
| 4 | | | | 0.0 | | | | |
| 5 | | | 100% | 0.0 | SP | 2-inch diameter PVC Riser | | |
| 6 | | | | 0.0 | | | | |
| 7 | | | | 0.0 | | | | |
| 8 | | | | 0.0 | | | | |
| 9 | | | | 0.0 | | | | |
| 10 | | | 100% | 0.0 | | | (10 - 21') Sand with Silt, medium dense, fine grained, cohesive, poorly graded, sub angular, no odor | Bentonite Chips |
| 11 | | | | 0.0 | | | | |
| 12 | | | | 0.0 | | | | |
| 13 | | | | 0.0 | | | | |
| 14 | | | | 0.0 | | | | |
| 15 | | | 100% | 0.0 | 10/20 Sand Filter | 2-inch diameter, 10-slot | | |
| 16 | | | | 0.0 | | | | |
| 17 | | | | 0.0 | | | | |
| 18 | | | | 0.0 | | | | |
| 19 | | | | 0.0 | | | | |
| 20 | | | | 0.0 | | | | |

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

Soil Boring Log

Project Name: Ft. Riley, Marshall Field, Bldg 700 Date Started: 7/29/2022 Logger: M. West
 KDHE Project Code: U5-081-11827 Date Completed: 7/29/2022
 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% | 0.0 | SP | (10 - 21') Sand with Silt, medium dense, fine grained, cohesive, poorly graded, sub angular, no odor | 2-inch diameter, 10-slot PVC Screen 10/20 Sand Filter Pack |
| | | | | 0.0 | | | |
| | | | | 0.0 | | | |
| 24 | | | | 0.0 | SW | (21 - 27') Sand, grained-medium to coarse, loose, non cohesive, well graded, sub rounded, no odor | |
| | | | | 0.0 | | | |
| 26 | | | 100% | 0.0 | | | |
| | | | | 0.0 | | | |
| 28 | | | | 0.0 | SC | (27 - 28') Clayey Sand, Stiff, fine grained, non cohesive, poorly graded, subrounded | |
| | | | | 0.0 | SP | (28.0 - 28.5') Sand, grained-fine to coarse, non cohesive, poorly graded, subrounded | |
| 30 | | | | 0.0 | SP | (28.5 - 30.0') Sand, fine grained, non cohesive, loose, poorly graded, sub rounded, no odor | |
| | | | | | | End of boring at 30 feet below ground surface | |
| 32 | | | | | | | |
| 34 | | | | | | | |
| 36 | | | | | | | |
| 38 | | | | | | | |
| 40 | | | | | | | |

Remarks: