

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

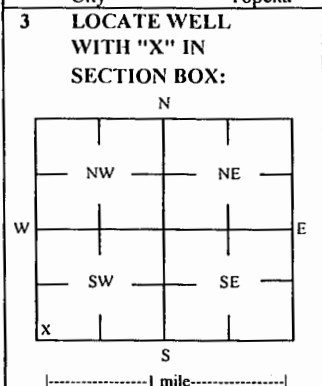
Well ID

MW13

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Wyandotte Fraction SW 1/4 SW 1/4 SW 1/4 SW 1/4 Section Number 25 Township Number T 10 S Range Number R 24 E

2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 40' NE of the NE corner of Leavenworth Rd & 51st St., Kansas City, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 15.5 ft Depth(s) Groundwater Encountered: 1) 15.5 ft 2) 0 ft 3) 0 ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 4.55 ft X below land surface, measured on (mo-day-yr) 5/22/19

5 Latitude: 39.14310 (decimal degrees) Longitude: 94.69637 (decimal degrees) Horizontal Datum: WGS 84 X NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model) Land Survey X Topographic Map Online Mapper 6 Elevation 961.91 ft Ground Level X TOC Source X Land Survey GPS Topographic Map Other

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 MW13 6 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor 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 Other (specify):

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

8 TYPE OF CASING USED: Steel PVC X Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 5.5 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.41 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC X Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 5.5 ft. to 15.5 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 3 ft. to 15.5 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout Bentonite X Other Concrete: 0-0.7' Grout intervals: From 0.7 ft. to 3 ft, From ft. to ft, From ft. to ft,

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify) Direction from well? Unknown Distance from well? Unknown ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0, 0.5, Asphalt over gravel fill, , , . Row 2: 0.5, 15.5, Silty clay, , , .

Notes: KDHE ID: Former Station; U4-105-15057 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 5/1/19 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 6/11/19 under the business name of Larsen & Associates, Inc. Signature

DENNIS L HANDKE

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Jess Chapman
Larsen & Assoc.
1311 E. 25th St., Suite B
Topeka, Kansas 66046

May 27, 2019
Revised June 12, 2019

RE: Monitor Well Elevation Survey
5030 Leavenworth Road, Kansas City, Kansas

Proj. 19-00S
Former Station
KDHE ID U4-105-15057

Bench Mark: Chisled X on top SW bolt of fire hydrant at the SW corner of property.
Elev.: 963.32 South 3 West 5263 (from SE Cor. Sec. 25-10-24E)

MW-2R	rim	961.12	South	90	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 36-10-24E)
	top pipe	960.75	West	5248	Lat = 39.14280 Long = 94.69643
MW-6	rim	967.45	South	168	SW1/4,SW1/4,SW1/4,SW1/4 (Sec. 25-10-24E)
	top pipe	967.01	West	5232	Lat = 39.14352 Long = 94.69636
MW-7	rim	969.15	North	109	SW1/4,SW1/4,SW1/4,SW1/4 (Sec. 25-10-24E)
	top pipe	968.80	West	5164	Lat = 39.14335 Long = 94.69611
MW-8	rim	959.21	South	14	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 26-10-24E)
	top pipe	958.75	West	5335	Lat = 39.14310 Long = 94.69673
MW-9	rim	944.22	South	223	NE1/4,NE1/4,NE1/4,NE1/4 (Sec. 35-10-24E)
	top pipe	943.74	West	5538	Lat = 39.14245 Long = 94.69745
MW-10	rim	959.88	North	41	SE1/4,SE1/4,SE1/4,SE1/4 (Sec. 26-10-24E)
	top pipe	959.53	West	5463	Lat = 39.14317 Long = 94.69718
MW-11	rim	954.93	South	84	NE1/4,NE1/4,NE1/4,NE1/4 (Sec. 35-10-24E)
	top pipe	954.60	West	5583	Lat = 39.14283 Long = 94.69761
MW-12	rim	964.25	North	203	NW1/4,NW1/4,NW1/4,NW1/4 (Sec. 36-10-24E)
	top pipe	963.93	West	5022	Lat = 39.14249 Long = 94.69563
MW-13	rim	962.32	South	18	SW1/4,SW1/4,SW1/4,SW1/4 (Sec.25-10-24E)
	top pipe	961.91	West	5234	Lat = 39.14310 Long = 94.69637
MW-14	rim	966.17	South	437	SE1/4,NE1/4,NE1/4,NE1/4 (Sec. 35-10-24E)
	top pipe	965.94	West	5315	Lat = 39.14186 Long = 94.69667
MW-15	rim	944.44	South	223	NE1/4,NE1/4,NE1/4,NE1/4 (Sec. 35-10-24E)
	top pipe	943.83	West	5519	Lat = 39.14245 Long = 94.69738
MW-16	rim	969.47	South	61	SW1/4,SW1/4,SW1/4,SW1/4 (Sec. 25-10-24E)
	top pipe	969.15	West	5025	Lat = 39.14322 Long = 94.69563

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BUREAU OF WATER

Lat & Long derived from Parkville 7.5' quad map. WGS84.

Elevation derived from existing project NAVD 83.

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

Donus L. Handke R089

LS-736



NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

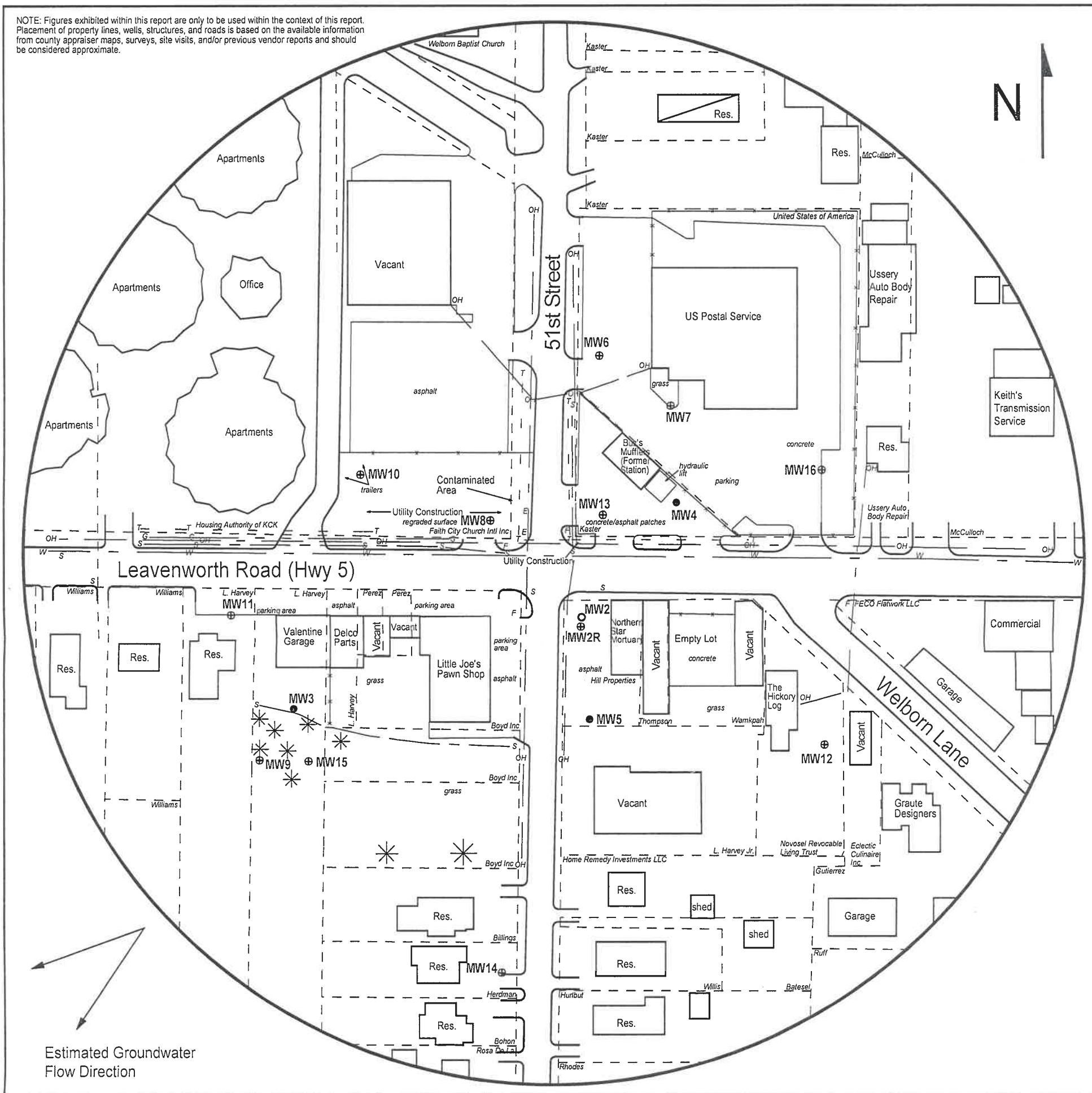


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

LEGEND:

- Building with Basement
- Approximate Location of Property Line
- Monitoring Well (Installed 4/29-30/19, 5/1-2/19 & 5/16/19)
- Existing Monitoring Well
- Plugged Well
- Electric Meter
- Fire Hydrant
- Gas Lines (2 - 6 ft BGS)
- Sanitary Sewer (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

NOTE: Utility depths, heights and locations are approximate.



PROJECT:

Former Station
 5030 Leavenworth Rd.
 Kansas City, KS
 KDHE ID: U4-105-15057
 Date: 5/22/19



1311 E 25th St., Suite B (785) 841-8707 office
 Lawrence, KS 66046 (785) 865-4282 fax

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