

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

[ ]

Well ID

MW5

[X] Original Record [ ] Correction [ ] Change in Well Use

1 LOCATION OF WATER WELL: County Wyandotte Fraction NE 1/4 NE 1/4 NW 1/4 NW 1/4 Section Number 31 Township Number T 10 S Range Number R 25 [X] E [ ] W

2 WELL OWNER: Last Name: Business: KDHE (3801 Leavenworth Road) Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 3801 Leavenworth Rd, Kansas City

3 LOCATE WELL WITH "X" IN SECTION BOX: [X] NW [ ] NE [ ] SW [ ] SE

4 DEPTH OF COMPLETED WELL: 23.5 ft Depth(s) Groundwater Encountered: 1) 23.5 ft 2) 3) ft or 4) [ ] Dry Well WELL'S STATIC WATER LEVEL: 8.81 ft [X] below land surface, measured on (mo-day-yr) 1/19/23 [ ] above land surface, measured on (mo-day-yr) Pump test data: Well water was after hours pumping gpm Water well was after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 7.25 in to ft, and in to ft

5 Latitude: 39.14215 (decimal degrees) Longitude: 94.67378 (decimal degrees) Horizontal Datum: [ ] WGS 84 [X] NAD 83 [ ] NAD 27 Source for Latitude/Longitude: [ ] GPS (unit make/model: ) (WAAS enabled? [ ] Yes [ ] No) [X] Land Survey [ ] Topographic Map [ ] Online Mapper 6 Elevation 903.22 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 2 [ ] Irrigation 3 [ ] Feedlot 4 [ ] Industrial 5 [ ] Public Water Supply: well ID 6 [ ] Dewatering: how many wells? 7 [ ] Aquifer Recharge: well ID 8 [X] Monitoring: well ID MW5 9 Environmental Remediation: well ID [ ] Air Sparge [ ] Soil Vapor Extractor [ ] Recovery [ ] Injection 10 [ ] Oil Field Water Supply: lease 11 Test Hole: well ID [ ] Cased [ ] Uncased [ ] Geotechnical 12 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 [X] No If yes, date sample was submitted: Water well disinfected? [ ] Yes [X] No

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [X] Threaded Casing diameter 2 in. to 10 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.16 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [ ] Fiberglass [X] PVC [ ] 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 10 ft. to 23.5 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8 ft. to 23.5 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-1' Grout intervals: From 1 ft. to 8 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 [ ] Fuel Storage [ ] Abandoned Water Well [ ] Watertight Sewer Lines [ ] Seepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well [ ] Other (Specify)

Direction from well? NE Distance from well? ~60 ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0, 1, Concrete, , , . Row 2: 1, 23.5, Clay, , , .

Notes: KDHE ID: 3801 Leavenworth Road; U4-105-15250 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) 1/11/23 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) 2/3/23 under the business name of Larsen & Associates, Inc. Signature

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.

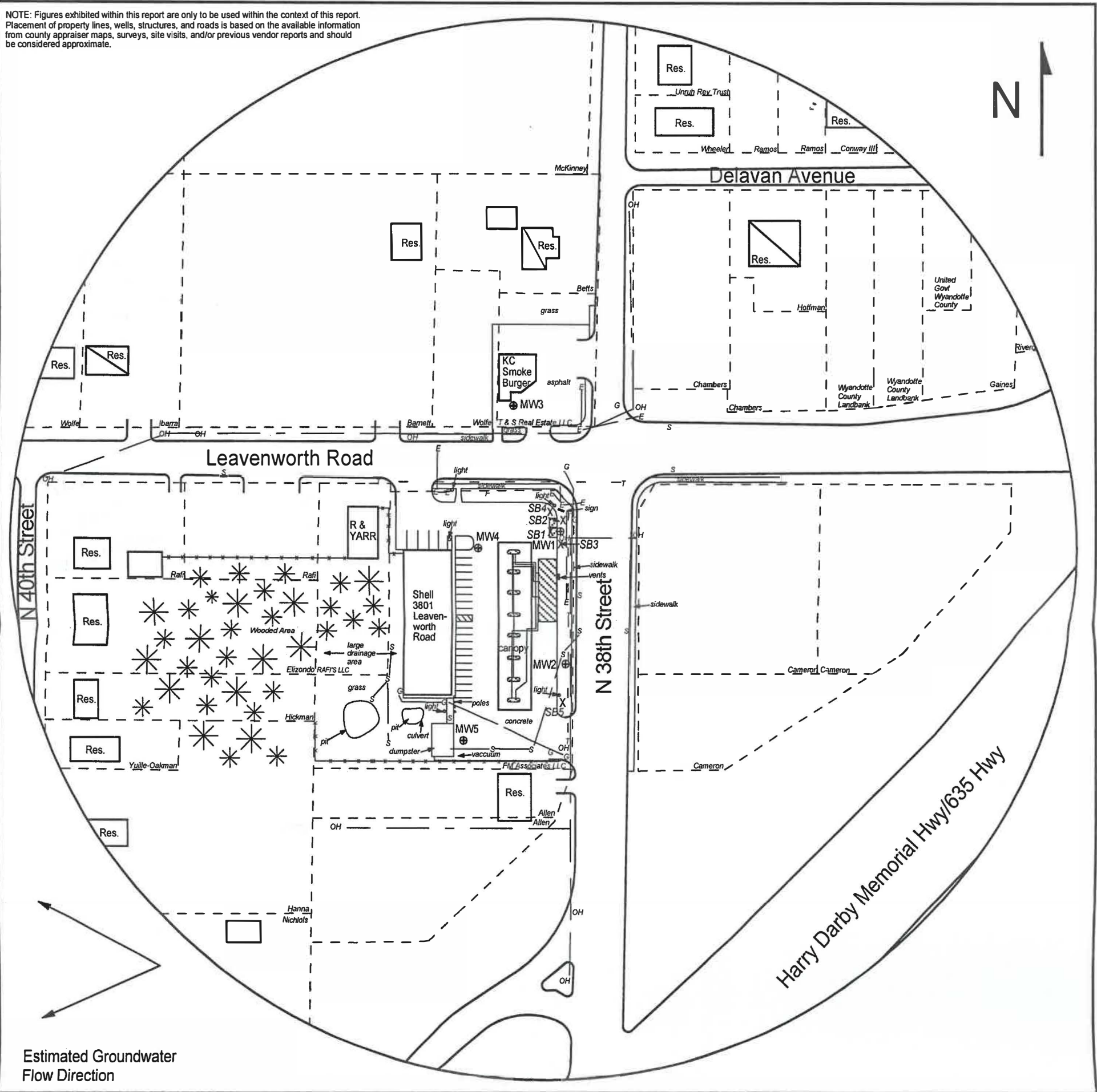


FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP

**LEGEND**

- Approximate Location of Former UST Basins
- Approximate Location of Active UST Basin & Pump Islands
- Approximate Location of Property Line
- New Monitoring Well (Installed 1/9-11/23)
- Soil Boring (Drilled 1/9-11/23)
- Fire Hydrant
- Electric Lines (1.5 - 3 ft bgs)
- Gas Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Sewer Lines (2 - 6 ft bgs)
- Telephone Lines (2 - 6 ft bgs)

NOTE: SB5 was drilled to collect hydrologic samples.  
NOTE: Utility depths, heights and locations are approximate.

**larsen**  
& ASSOCIATES, INC.  
T. 10 Rge. 25E  
Sec. 31 & 30  
Wyandotte  
County

**PROJECT:**  
3801 Leavenworth Road  
3801 Leavenworth Road  
Kansas City, KS  
KDHE ID: U4-105-15250  
Date: 1/19/23



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

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home

T. 10 Rge. 25 E Sec. 31 & 30  
Wyandotte County

January 30, 2023

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

RE: Monitor Well Elevation Survey  
3801 Leavenworth Road, Kansas City, Kansas

Proj. 23-00B  
Leavenworth Road Project  
KDHE ID U4-105-15250

Bench Mark: Chisled Sq. on NW corner of concrete storm inlet on North side of parking lot.  
Elev.: 901.68 North 5158.91 West 4097.37 (from SE Cor. Sec. 31-10-25E)

|      |          |        |       |         |  |
|------|----------|--------|-------|---------|--|
| MW-1 | rim      | 903.71 | North | 5119.09 | NE1/4,NE1/4,NW1/4,NW1/4                  |
|      | top pipe | 903.29 | West  | 4028.38 | Lat = 39.14269 Long = 94.67341           |
| MW-2 | rim      | 903.95 | North | 4993.27 | NE1/4,NE1/4,NW1/4,NW1/4                  |
|      | top pipe | 903.66 | West  | 4033.53 | Lat = 39.14234 Long = 94.67343           |
| MW-3 | rim      | 905.47 | North | 5253.88 | SE1/4,SE1/4,SW1/4,SW1/4 (Sec. 30-10-25E) |
|      | top pipe | 905.10 | West  | 4088.13 | Lat = 39.14306 Long = 94.67361           |
| MW-4 | rim      | 901.70 | North | 5119.24 | NE1/4,NE1/4,NW1/4,NW1/4                  |
|      | top pipe | 901.36 | West  | 4117.94 | Lat = 39.14269 Long = 94.67372           |
| MW-5 | rim      | 903.38 | North | 4919.91 | NE1/4,NE1/4,NW1/4,NW1/4                  |
|      | top pipe | 903.22 | West  | 4130.95 | Lat = 39.14215 Long = 94.67378           |

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

Elevation derived from WY 16 control point. NAVD 83.

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

Dennis L. Handke

