

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

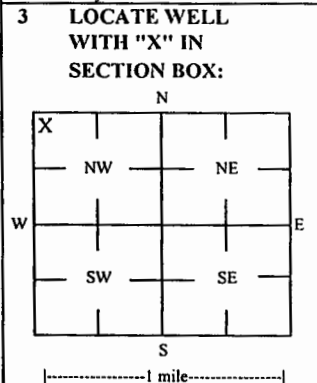
Well ID

MW5R

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

1 LOCATION OF WATER WELL: County Allen, Fraction SW 1/4 NW 1/4 NW 1/4 NW 1/4, Section Number 35, Township Number T 24 S R 18, Range Number E 18

2 WELL OWNER: Last Name: Eckert, First: Kipp, Business: Greenfield Environmental Multistate Trust LLC, Address: 1920 232nd Place SE, City: Bothell, State: WA, ZIP: 98021, Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 201 S. State St, Iola, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 25.5 ft, Depth(s) Groundwater Encountered: 1) 25.5 ft, 2) 16.40 ft, 3) Dry Well, Wells Static Water Level: 1/11/21, below land surface, measured on (mo-day-yr), Pump test data: Well water was 16.40 ft after 0 hours pumping 0 gpm, Water well was 16.40 ft after 0 hours pumping 0 gpm, Estimated Yield: 0 gpm, Bore Hole Diameter: 7.25 in to 7.25 in

5 Latitude: 37.92096 (decimal degrees), Longitude: 95.40880 (decimal degrees), Horizontal Datum: [X] WGS 84 [ ] 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: 960.55 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 MW5R, 6 Environmental Remediation: well ID, 7 Air Sparge [ ] Soil Vapor Extractor [ ] Recovery [ ] Injection, 8 Oil Field Water Supply: lease, 9 Test Hole: well ID, 10 Cased [ ] Uncased [ ] Geotechnical, 11 Geothermal: How many bores?, 12 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:

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other, CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [X] Threaded, Casing diameter 2 in. to 10.5 ft, Diameter in. to in., Casing height above land surface -0.48 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 10.5 ft. to 25.5 ft., GRAVEL PACK INTERVALS: From 8.5 ft. to 25.5 ft.

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-1', Grout intervals: From 1 ft. to 8.5 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? NW, Distance from well? ~50 ft

Table with 5 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0, 16, Silty clay, , , ; Row 2: 16, 22, Silty clay, some rock fragments, , , ; Row 3: 22, 25.5, Large rock fragments, silty clay, , ,

Notes: KDHE ID: Kerr McGee #121-7330; U3-001-00076, 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) 11/30/20 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) 1/13/21 under the business name of Larsen & Associates, Inc. Signature

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWR Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Allen County

S 35 T 24 R 12E

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

Jess Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas 66046

December 15, 2020  
Revised January 8, 2021

RE: Monitor Well Elevation Survey  
201 S. State Street, Iola, Kansas

Proj. 20-00EEE  
Kerr McGee #121-7330  
KDHE ID U3-001-00076

Bench Mark: Chisled Sq. on SW corner of concrete storm sewer inlet near the NW Corner of property.

Elev: 961.06      North 5007.53      West 5220.83      (from SE Cor. Sec. 35-24-18E)

MW-1R    rim      961.18      North 4972.30      NW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    960.88      West 5197.32      Lat = 37.92123    Long = 95.40883

MW-2R    rim      961.08      North 4976.99      NW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    960.79      West 5223.48      Lat = 37.92124    Long = 95.40892

MW-3R    rim      960.87      North 4923.58      SW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    960.56      West 5225.28      Lat = 37.92109    Long = 95.40892

MW-4R    rim      960.42      North 4874.12      SW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    959.97      West 5225.75      Lat = 37.92096    Long = 95.40893

MW-5R    rim      961.03      North 4876.64      SW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    960.55      West 5188.22      Lat = 37.92096    Long = 95.40880

MW-6R    rim      961.17      North 4947.11      NW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    960.91      West 5201.86      Lat = 37.92116    Long = 95.40884

MW-7R    rim      961.59      North 4987.98      NW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    961.27      West 5146.21      Lat = 37.92127    Long = 95.40865

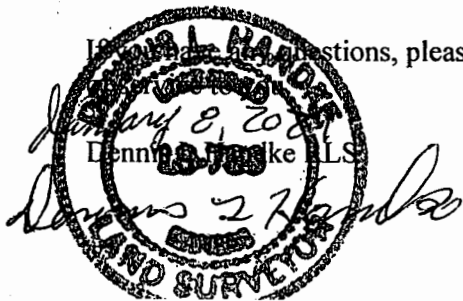
MW-8R    rim      961.65      North 4995.76      NW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    961.34      West 5185.10      Lat = 37.92129    Long = 95.40878

MW-10R   rim      962.16      North 4996.62      NW1/4,NW1/4,NW1/4,NW1/4  
          top pipe    961.86      West 5114.05      Lat = 37.92129    Long = 95.40854

Elevation derived from FIMA BM R-4. NAVD 88.

Lat & Long derived from Iola 7.5 Quad Map WGS84.

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



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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.

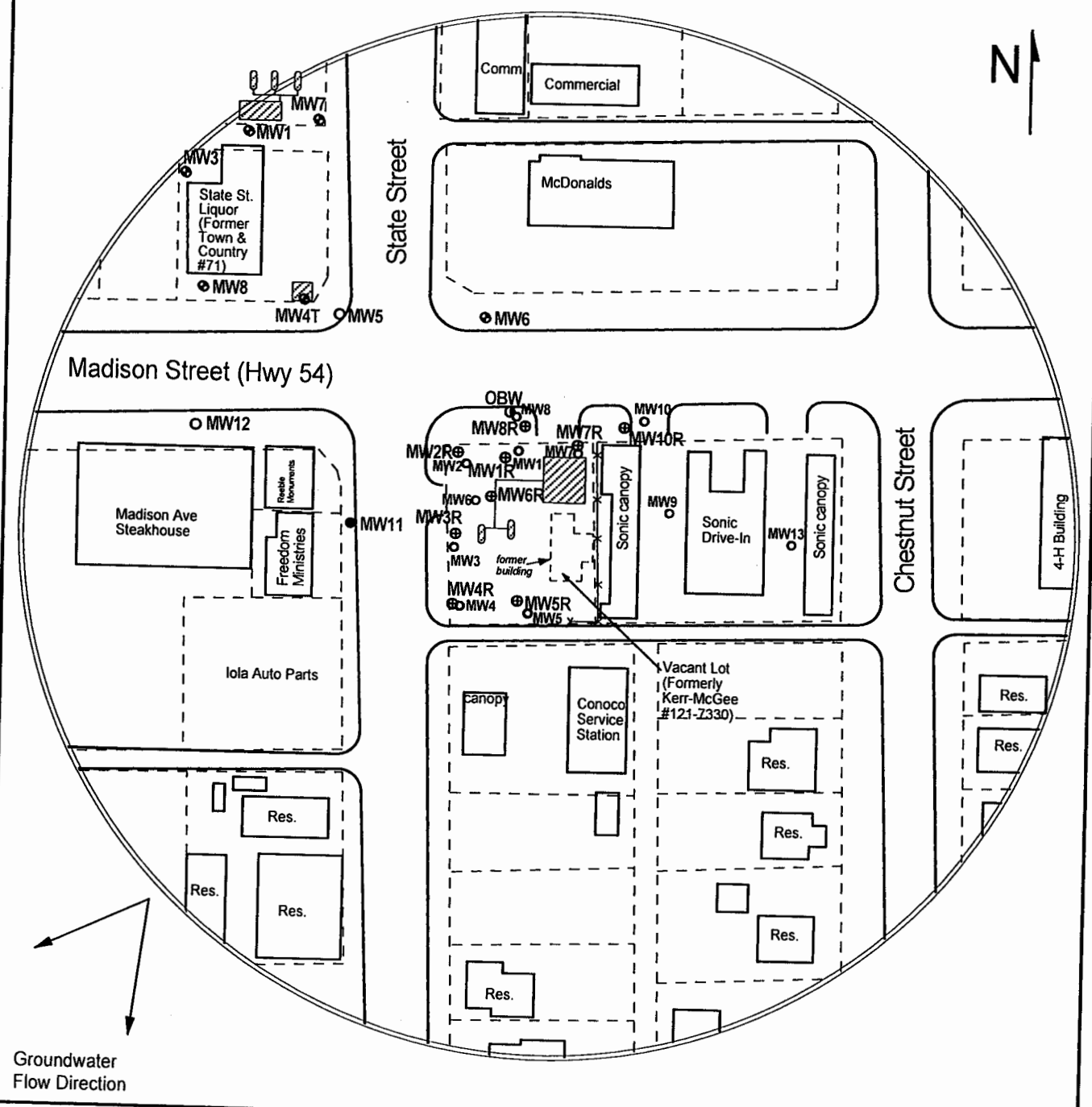


FIGURE 1 - 350 FT SITE BASE MAP



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

**PROJECT:**  
Kerr McGee #121-7330  
201 S. State Street  
Iola, KS  
KDHE ID: U3-001-00076  
Date: 11/30/20-12/1/20



**LEGEND:**

- Approximate Location of Former UST Basin, Product Lines, and Pump Islands
- Approximate Location of Property Lines
- Monitoring Well
- Monitoring Well nearby site Town & Country 71 #U3-001-00583
- Observation Well
- Monitoring Well (Installed 11/30/20, 12/1/20)
- Plugged Monitoring Well

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