

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

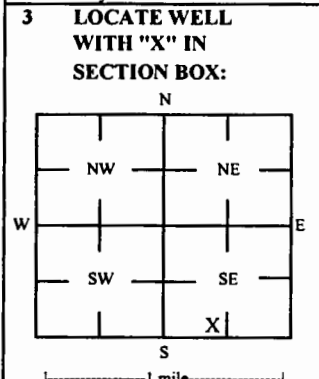
Well ID

MW10

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Marion Fraction NE 1/4 SE 1/4 SW 1/4 SE 1/4 Section Number 31 Township Number T 19 S Range Number R 4 E

2 WELL OWNER: Last Name: Business: City of Marion Address: 208 E Santa Fe City Marion State: KS ZIP: 66861 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 320 W Santa Fe, Marion, KS



4 DEPTH OF COMPLETED WELL: 29 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft or 4) Dry Well WELL'S STATIC WATER LEVEL: 19.13 ft below land surface, measured on (mo-day-yr) 1/3/2023

5 Latitude: 38.34938 (decimal degrees) Longitude: 97.02676 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: X Land Survey Topographic Map Online Mapper

6 Elevation 1308.57 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 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 X Monitoring: well ID MW10 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? Water well disinfected? Yes No If yes, date sample was submitted:

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 14 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.40 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) 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 14 ft. to 29 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 12 ft. to 29 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 12 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? Distance from well? ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1 Topsoil, 1-4 Clay, 4-19 Clay, silt, 19-29 Clay

Notes: KDHE ID: Former Power Plant; U5-057-15328 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) 1/3/23 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) 1/31/23 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, GWTS 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.

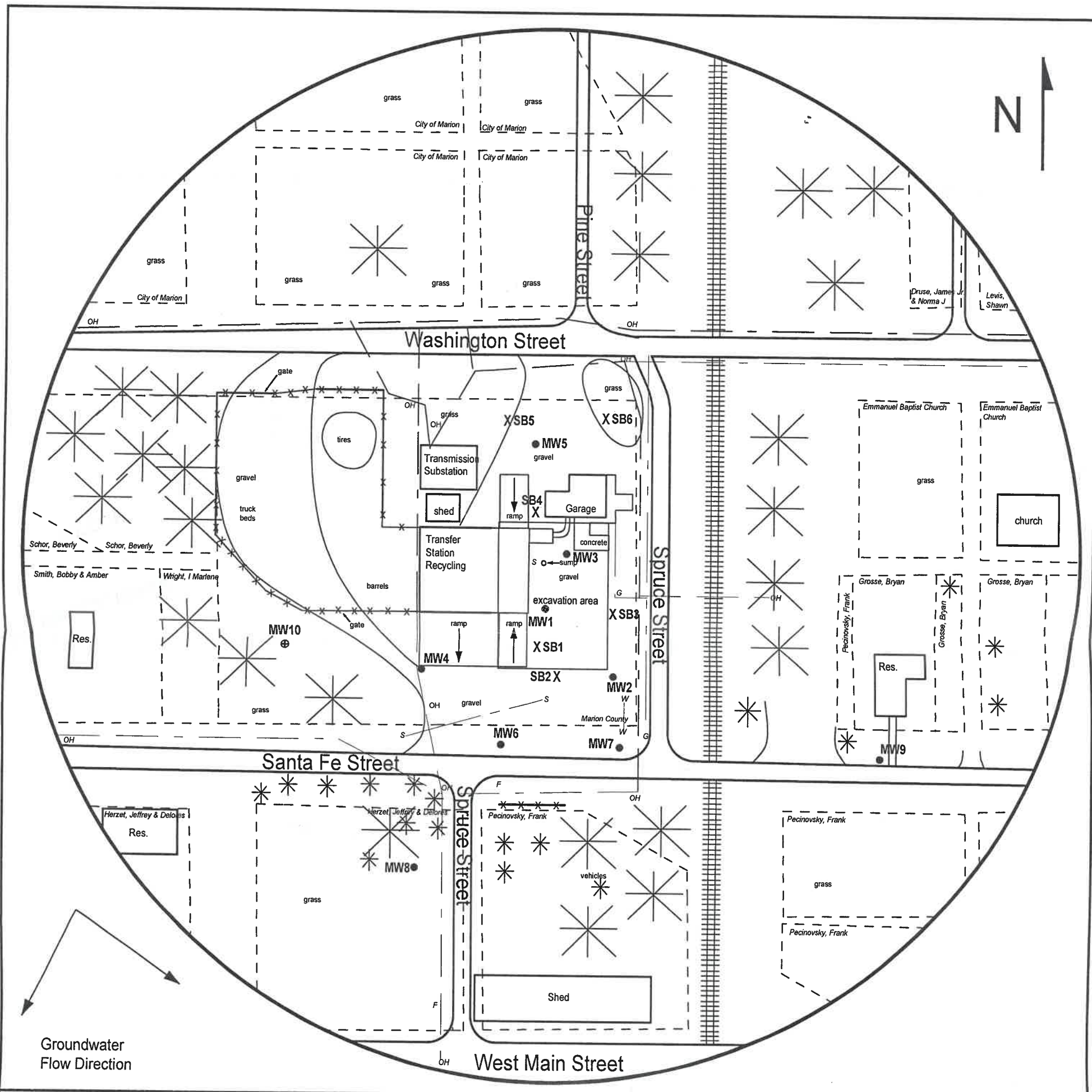


FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP

**LEGEND:**

- Existing Monitoring Well
- ⊕ New Monitoring Well (Installed 1/3/23)
- X Soil Boring (Drilled 8/16-17/22)
- OH— — — — — Overhead Lines
- S— — — — — Sanitary Sewer (2 - 6 ft BGS)
- W— — — — — Water (2 - 6 ft BGS)
- G— — — — — Gas (2 - 6 ft BGS)

NOTE: SB5 & SB6 were drilled to collect hydrolic samples.  
NOTE: Utility depths and locations are approximate.



**PROJECT:** *SEC. 31 T. 19 R. 4E*  
 Former Power Plant  
 320 West Santa Fe  
 Marion, KS  
 KDHE ID: U5-057-15328  
 Date: 1/3/23



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**DENNIS L HANDKE**

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T.19 R.4E SEC.31  
Marion  
County

January 14, 2023

RE: Monitor Well Elevation Survey  
320 West Santa Fe, Marion, Kansas

Proj. 23-00A  
Former Power Plant  
U5-057-15328

Bench Mark: Chisled Square on center of concrete floor of entrance to Northeast building on property.  
Elev: 1310.57      North 544.50      West 1080.76      (from SE Cor. Sec. 31-19-4E)

MW-10 rim      1308.97      North      419.15      NE1/4,SE1/4,SW1/4,SE1/4  
top pipe      1308.57      West      1371.68      Lat= 38.34938      Long = 97.02676

Lat & Long derived from Marion 7.5' quad map. WGS 84.

Elevation established from existing project. NAVD 88.

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

