

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW12

Original Record Correction Change in Well Use

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

2 WELL OWNER: Last Name: Business: City of Marion Address: 208 E Santa Fe Address: 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

3 LOCATE WELL WITH "X" IN SECTION BOX: N NW NE SW SE S

4 DEPTH OF COMPLETED WELL: 25 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 16.98 ft. below land surface, measured on (mo-day-yr) 5/22-23/23

5 Latitude: 38.34975 (decimal degrees) Longitude: 97.02489 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model) Land Survey Topographic Map Online Mapper

6 Elevation 1307.31 ft Ground Level 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 MW12 6 Environmental Remediation: well ID 7 Air Sparge Soil Vapor Extractor Recovery Injection 8 Oil Field Water Supply: lease 9 Test Hole: well ID Cased Uncased Geotechnical 10 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 If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 10 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.46 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot 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 25 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8 ft. to 25 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout Bentonite 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? Distance from well? ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: 0, 1.5, Topsoil, , , . Row 2: 1.5, 25, 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 constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 5/22/23 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) 6/15/23 under the business name of Larsen & Associates, Inc. Signature

DENNIS L HANDKE

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

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

June 14, 2023

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

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

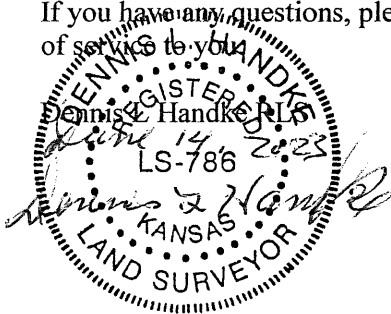
Bench Mark: Chisled Square on center of concrete floor of entrance to Northeast building on property.
Elev: 1310.57 North 544.50 West 1080.76 (from SE Cor. Sec. 31-19-4E)

MW-11	rim	1307.88	North	739.35	SE1/4,NW1/4,SE1/4,SE1/4
	top pipe	1307.34	West	751.07	Lat= 38.35029 Long = 97.02462
MW-12	rim	1307.77	North	544.62	NE1/4,SW1/4,SE1/4,SE1/4
	top pipe	1307.31	West	831.66	Lat= 38.34975 Long = 97.02489

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.



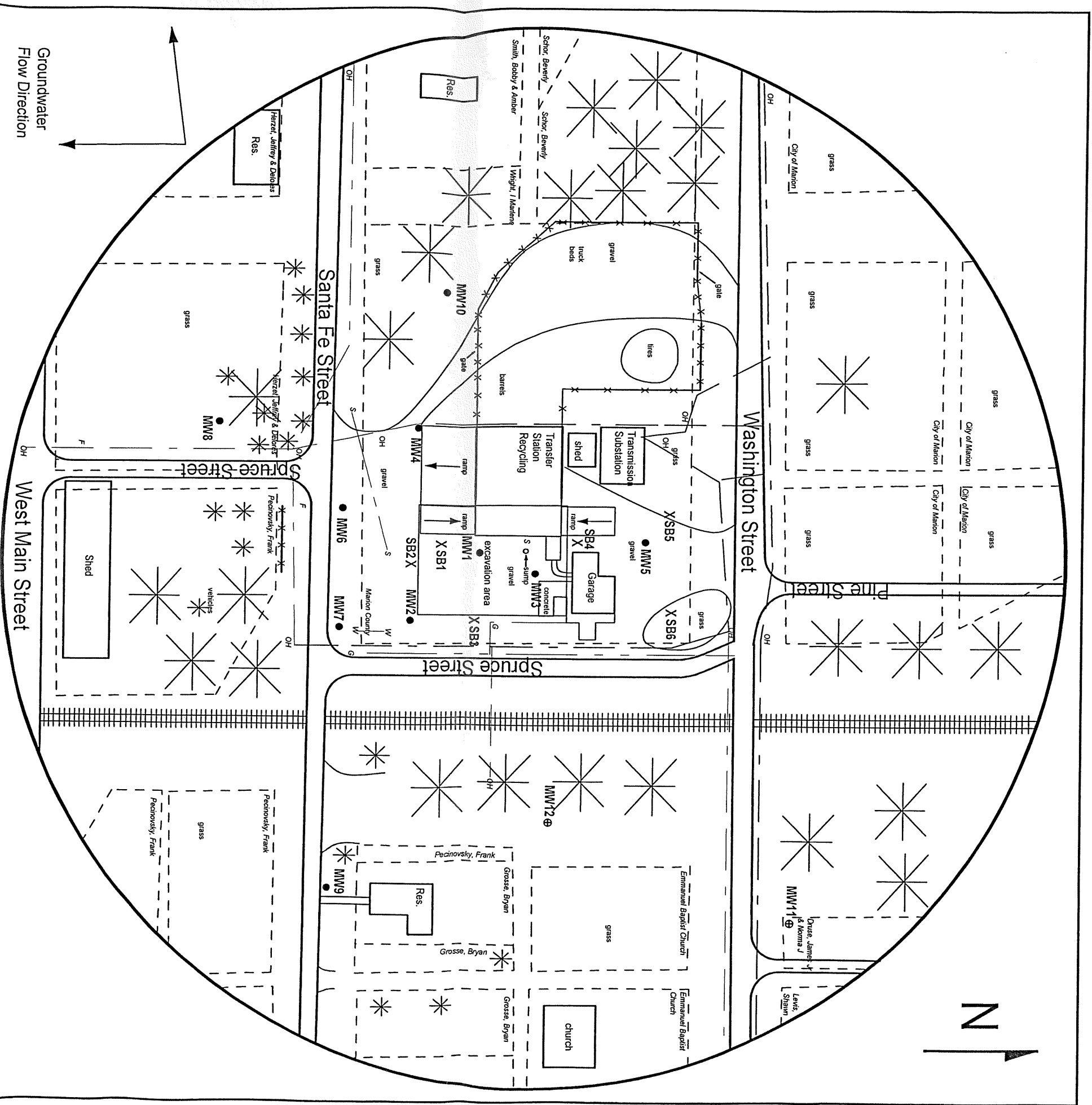



FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP


larsen
 & ASSOCIATES, INC.

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

PROJECT:
 Former Power Plant
 320 West Santa Fe
 Marion, KS
 KDHE ID: U5-057-15328
 Date: 5/22-23/23

0 100 feet

LEGEND:

- Existing Monitoring Well
- ⊕ New Monitoring Well (Installed 5/22/23)
- X Soil Boring (Drilled 8/16-17/22)
- — — — — Overhead Lines
- — — — — Sanitary Sewer (2 - 6 ft BGS)
- — — — — Water (2 - 6 ft BGS)
- — — — — Gas (2 - 6 ft BGS)

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