

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

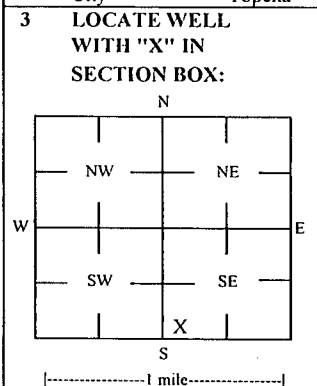
Well ID

MW14

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Shawnee Fraction SE 1/4 SW 1/4 SW 1/4 SE 1/4 Section Number 7 Township Number T 12 S Range Number R 16 E

2 WELL OWNER: Last Name: Business: KDHE (Former Sinclair) 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): 400 SE 29th St, Topeka, KS 66605



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) 20 ft 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: 5.52 ft

5 Latitude: 39.01592 (decimal degrees) Longitude: 95.67364 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model:) (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper

6 Elevation 957.42 ft Ground Level TOC Source 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 Monitoring: well ID MW14 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 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 5 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.30 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 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 ft. to 20 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 20 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5' Grout intervals: From 0.5 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 Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify) Direction from well? SW Distance from well? ~450 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Clay, little silt; Clay; Shale; Limestone; Shale; Limestone, shale layers.

Notes: KDHE ID: Former Sinclair; U4-089-15033 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) 1/28/20 and this record is true to the best of my knowledge and belief. License No 757 This Water Well Record was completed on (mo-day-year) 2/11/20 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, 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.

Drawings

7-12-16E

DENNIS L HANDKE

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

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

February 8, 2020

RE: Monitor Well Elevation Survey
311 SE 29th St., Topeka, Kansas

Proj. 20-00G
Former Sinclair
U4-089-15033

Bench Mark: Chisled Sq. on SE corner of concrete signal light base at Northwest corner of property.
Elev: 941.80 North 5214 West 1263 (from SE Cor. Sec. 18-12-16E)

MW-14	rim	957.72	North	5530	SE1/4,SW1/4,SW1/4,SE1/4 (Sec. 7-12-16E)
	top pipe	957.42	West	971	Lat= 39.01592 Long = 95.67364
MW-15	rim	954.99	North	5385	SE1/4,SW1/4,SW1/4,SE1/4 (Sec. 7-12-16E)
	top pipe	954.63	West	964	Lat= 39.01552 Long = 95.67363

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

Elevation established from existing project.

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



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.

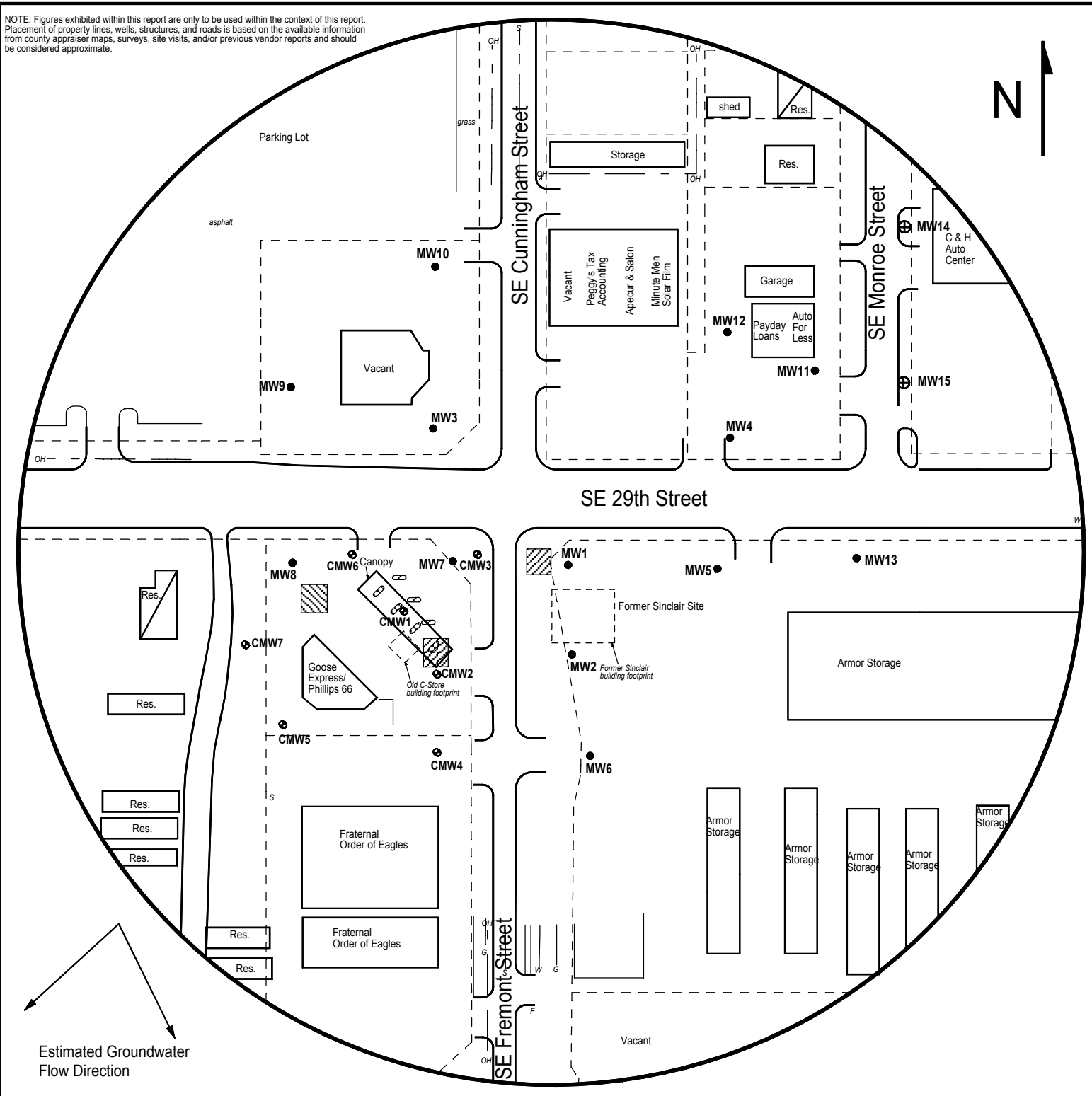


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP

LEGEND:

- Approximate Location of Former UST Basin and Pump Islands
- Approximate Location of Active UST Basin and Pump Islands
- Approximate Location of Property Line
- Building with Basement
- Existing Monitoring Well
- Plugged Monitoring Well Nearby Site Clark #1345 (U4-089-1605)
- Proposed Monitoring Well
- Fire Hydrant

- Electric Lines (2 - 6 ft BGS)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Sewer Lines (2 - 6 ft BGS)

NOTE: Utility depths, heights and locations are approximate.

PROJECT:

Former Sinclair
 311 SE 29th Street
 Topeka, KS
 KDHE ID: U4-089-15033
 Date: 10/26/18



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