

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

October 26, 2022

RE: Monitor Well Elevation Survey
1303 W. 23rd St., Lawrence

Proj. 22-00HHH
Former June Gulf Service
U4-023-14694

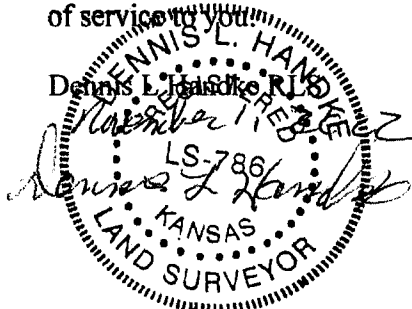
Bench Mark: Chisled sq. on NW corner of concrete signal light base at NE Corner of property.
Elev: 854.08 North 5088.9 West 2447.7 (from SE Cor. Sec. 12-13-19E)

| | | | | | |
|-------|----------|--------|-------|--------|-------------------------------|
| MW-7 | rim | 853.99 | North | 5054.9 | NW1/4,NW1/4,NW1/4,NE1/4 |
| | top pipe | 853.63 | West | 2616.4 | Lat= 38.94255 Long = 95.25106 |
| MW-8 | rim | 853.98 | North | 5028.7 | NW1/4,NW1/4,NW1/4,NE1/4 |
| | top pipe | 853.67 | West | 2468.6 | Lat= 38.94246 Long = 95.25054 |
| MW-9 | rim | 851.81 | North | 4842.6 | SW1/4,NW1/4,NW1/4,NE1/4 |
| | top pipe | 851.27 | West | 2471.3 | Lat= 38.94195 Long = 95.25059 |
| MW-10 | rim | 851.45 | North | 4810.6 | SW1/4,NW1/4,NW1/4,NE1/4 |
| | top pipe | 850.99 | West | 2521.6 | Lat= 38.94187 Long = 95.25077 |
| MW-11 | rim | 851.59 | North | 4810.9 | SW1/4,NW1/4,NW1/4,NE1/4 |
| | top pipe | 851.23 | West | 2596.5 | Lat= 38.94188 Long = 95.25104 |
| MW-12 | rim | 853.06 | North | 4974.3 | NW1/4,NW1/4,NW1/4,NE1/4 |
| | top pipe | 852.73 | West | 2609.6 | Lat= 38.94239 Long = 95.25105 |

Lat & Long derived from Lawrence West 7.5' quad map. WGS84.

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.



RECEIVED

JAN 13 2023

GEOLOGICAL SURVEY

RECEIVED

NOV 04 2022

BUREAU OF WATER

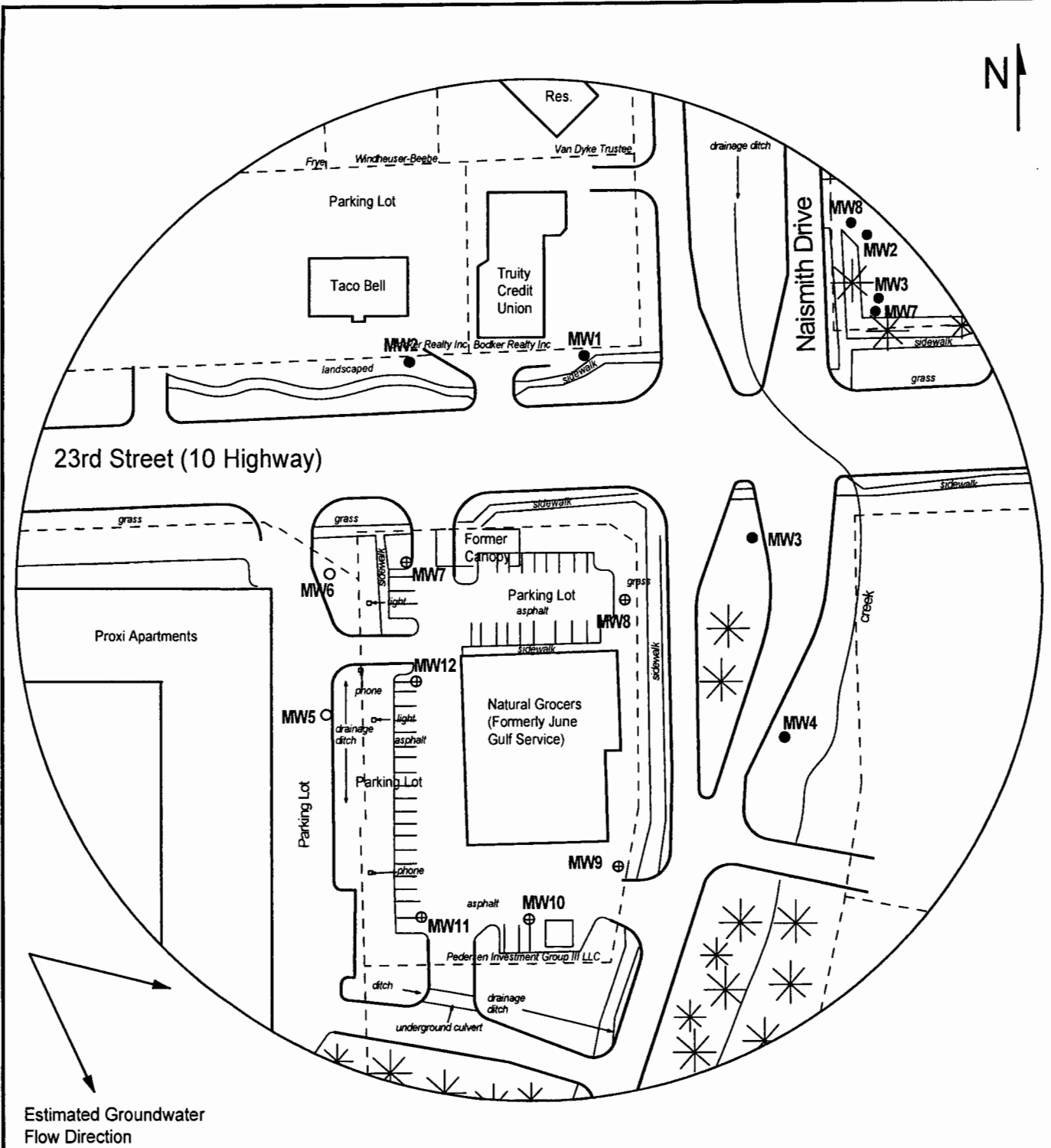


FIGURE 1 - 350 FT RADIUS AREA BASE MAP

LEGEND:

- Existing Monitoring Well
- Plugged Monitoring Well
- ⊕ Newly Installed Monitoring Well
- - - - - Approximate Location of Property Line



PROJECT:
 Former June Gulf Service
 1303 West 23rd
 Lawrence, KS
 KDHE ID: U4-023-14694
 Date: 10/10-11/22



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

NOTE: Approximate location of tank basin, product lines or pump islands is unknown.

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

[]

Well ID

MW7

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

1 LOCATION OF WATER WELL: County Douglas Fraction NW 1/4 NW 1/4 NE 1/4 Section Number 12 Township Number T 13 S Range Number R 19 [X] E [] W

2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: [] 1303 West 23rd, Lawrence, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the center and 'N', 'S', 'E', 'W' labels]

4 DEPTH OF COMPLETED WELL: 20 ft Depth(s) Groundwater Encountered: 1) 20 ft 2) ft 3) ft or 4) [] Dry Well WELL'S STATIC WATER LEVEL: [] below land surface, measured on (mo-day-yr) [] above land surface, measured on (mo-day-yr) Pump test data: Well water was ft after hours pumping gpm Water well was ft after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 7.25 in to ft, and in to ft

5 Latitude: 38.94217 (decimal degrees) Longitude: 95.25102 (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 853.63 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 [] 3 [] 4 [] 5 [] Public Water Supply: well ID 6 [] Dewatering: how many wells? 7 [] Aquifer Recharge: well ID 8 [X] Monitoring: well ID MW7 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 -0.36 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 20 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8 ft. to 20 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? Distance from well? ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1 Landscape gravel, soil fill; 1-13 Silty clay; 13-13.25 Silty clay, fine grained sand; 13.25-16 Silty clay; 16-17 Clay; 17-19 Clay, coarse gained sand; 19-20 Silty clay. Notes: KDHE ID: Former June Golf Service; U4-023-14694 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) 10/10/22 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) 10/31/22 under the business name of Larsen & Associates, Inc. Signature [Signature]