

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW22

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Douglas Fraction SW 1/4 NW 1/4 SW 1/4 NW 1/4 Section Number 26 Township Number T 12 S Range Number R 19 E W

2 WELL OWNER: Last Name: Business: Zarco Inc. Address: 718 E 1300 Rd City Lawrence State KS ZIP: 66046 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 930 Iowa St, Lawrence, KS

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

4 DEPTH OF COMPLETED WELL: 10.5 ft Depth(s) Groundwater Encountered: 1) 10.5 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 10.00 ft

5 Latitude: 38.96647 (decimal degrees) Longitude: 95.25978 (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 1028.95 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 2 Public Water Supply: well ID 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MW22 6 Environmental Remediation: well ID 7 Air Sparge 8 Soil Vapor Extraction 9 Recovery 10 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 Water well disinfected? Yes No If yes, date sample was submitted:

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 3 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.31 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 3 ft. to 10.5 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 2 ft. to 10.5 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 2 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? N Distance from well? ~260 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Asphalt, Gravel fill, Silty clay, Clay, Limestone.

Notes: KDHE ID: Zarco 66 #3/First Fuel Bank #2; U4-023-13174 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 plugged under my jurisdiction and was completed on (mo-day-year) 4/21/21 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) 6/15/21 under the business name of Larsen & Associates, Inc. Signature



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.

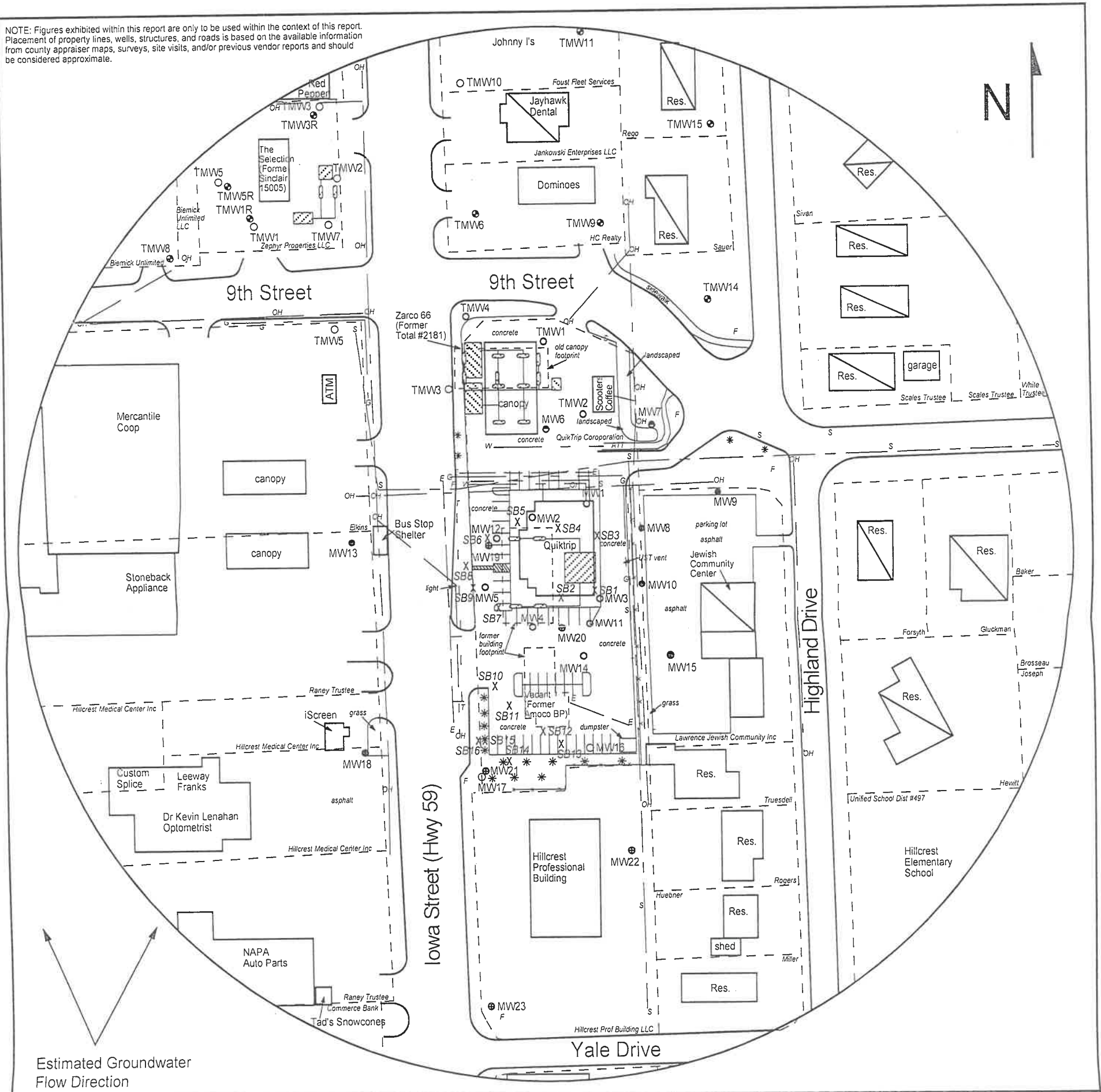


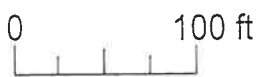
FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP



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

**PROJECT:**

Zarco 66 #3/First Fuel Bank #2  
900 Iowa  
Lawrence, KS  
KDHE ID: U4-023-13174  
Date: 6/14/21



**LEGEND**

- Approximate Location of Active UST Basin, Product Lines & Pump Islands
- Approximate Location of Former UST Basin, Product Lines & Pump Islands
- Building with Basement
- Approximate Location of Property Line
- Existing Monitoring Well
- Plugged Monitoring Well
- Monitoring Well at Nearby LUST Sites Total Retail #2181(U4-023-01573) & Sinclair #15005 (U4-023-10255)
- Monitoring Well (Installed 4/21/21)
- Soil Boring (Drilled 5/12/15 & 6/13/18)
- Destroyed Well
- Fire Hydrant
- Electric Lines (1.5 - 3 ft bgs)
- Gas Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Sewer Lines (2 - 6 ft bgs)
- Telephone Lines (2 - 6 ft bgs)
- Water Lines (2 - 6 ft bgs)

RECEIVED

AUG 06 2021

BUREAU OF WATER

# DENNIS L HANDKE

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

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

May 7, 2021

RE: Monitor Well Elevation Survey  
6637 Nieman Road, Shawnee, Kansas

Proj. 21-00N  
Zarco 66 #3/First Fuel Bank #2  
KDHE ID U4-023-13174

Bench Mark: Square cut on Northwest corner of concrete signal light base at Northwest corner of property.

Elev.:		North	West	(from SE Cor. Sec. 36-12-19E)
1018.92		3943.23	5228.88	
MW-19	rim	1022.22	North 3719.36	SW1/4,NW1/4,SW1/4,NW1/4
	top pipe	1021.80	West 5205.96	Lat = 38.96722 Long = 95.26015
MW-20	rim	1022.71	North 3641.04	SW1/4,NW1/4,SW1/4,NW1/4
	top pipe	1022.43	West 5146.90	Lat = 38.96672 Long = 95.26001
MW-21	rim	1027.37	North 3519.62	SW1/4,NW1/4,SW1/4,NW1/4
	top pipe	1027.02	West 5233.32	Lat = 38.96658 Long = 95.26030
MW-22	rim	1029.26	North 3446.89	SW1/4,NW1/4,SW1/4,NW1/4
	top pipe	1028.95	West 5101.60	Lat = 38.96647 Long = 95.25978
MW-23	rim	1031.77	North 3301.96	NW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1031.36	West 5239.22	Lat = 38.96607 Long = 95.26026

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

Elevation derived from existing project. NAVD88

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

Dennis L Handke, L.S.

