WATER WELL RECORD Form WWC-5

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

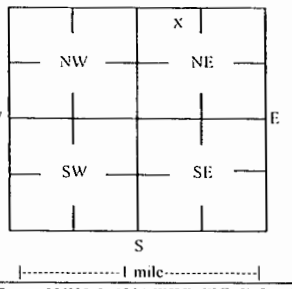
Division of Water Resources App. No. _____ Well ID **MW4**

1 LOCATION OF WATER WELL: County Wyandotte | Fraction SW ¼ NE ¼ NW ¼ NE ¼ | Section Number 8 | Township Number T 11 S | Range Number R 24 [X] E [ ] W

2 WELL OWNER: Last Name: First:
Business: KDHE
Address: 1000 SW Jackson St
Address:
City Topeka State: KS ZIP: 66612

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: [ ]
~120' NE of N 81st St. & Minnesota Ave., Kansas City, KS 66112

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 36 ft
Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [ ] Dry Well
WELL'S STATIC WATER LEVEL: 27.55 ft.
[X] below land surface, measured on (mo-day-yr) 1/27/2022
[ ] 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: 8.25 in to _____ ft, and _____ in to _____ ft

5 Latitude: 39.11527 (decimal degrees)
Longitude 94.76884 (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 966.31 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
2 [ ] Irrigation
3 [ ] Feedlot
4 [ ] Industrial
5 [ ] Public Water Supply: well ID
6 [ ] Dewatering: how many wells?
7 [ ] Aquifer Recharge: well ID
8 [X] Monitoring: well ID MW4
9 Environmental Remediation: well ID [ ] Air Sparge [ ] Soil Vapor Extraction [ ] 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 26 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 26 ft. to 36 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,
GRAVEL PACK INTERVALS: From 24 ft. to 36 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-0.7'
Grout intervals: From 0.7 ft. to 24 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
[X] Other (Specify) Dry cleaning
Direction from well? N Distance from well? ~10 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.3	Asphalt			
0.3	0.7	Gravel fill			
0.7	2	Fatty silty clay			
2	15.5	Silty clay			
15.5	23	Clayey sand			
23	35.5	Silty clay w/ occasional coarse sand and gravel			
35.5	36	Limestone			

Notes: KDHE ID: Norge Village / Excel Cleaners C4-105-73681/73680
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) 12/16/21 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) 2/15/22
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

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 Revised 7/10/2015

Wyandotte

8-11-24E

DENNIS L HANDKE

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

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

January 27, 2022

RE: Monitor Well Elevation Survey
8129 State Ave, Kansas City, Kansas

Proj. 22-00D
North Village Cleaners
KDHE ID U4-105-73681

Bench Mark: Chisled X on top SW bolt on concrete parking lot light base #3.

Elev.: 967.83 North 5157.15 West 2137.54 (from SE Cor. Sec. 8-11-24E)

MW-1	rim	965.21	North 5172.27	NW1/4,NW1/4,NW1/4,NE1/4
	top pipe	964.59	West 2312.03	Lat = 39.11607 Long = 94.76867
MW-2	rim	953.51	North 4987.06	NW1/4,NE1/4,NW1/4,NE1/4
	top pipe	953.06	West 1775.92	Lat = 39.11571 Long = 94.76704
MW-3	rim	966.09	North 4881.73	SW1/4,NW1/4,NW1/4,NE1/4
	top pipe	965.63	West 2360.75	Lat = 39.11656 Long = 94.76579
MW-4	rim	966.67	North 4878.30	SW1/4,NE1/4,NW1/4,NE1/4
	top pipe	966.31	West 1865.24	Lat = 39.11527 Long = 94.76884
MW-5	rim	960.45	North 4828.02	SE1/4,NW1/4,NW1/4,NE1/4
	top pipe	960.01	West 2576.13	Lat = 39.11512 Long = 94.76960
MW-6	rim	958.11	North 4722.05	SW1/4,NW1/4,NW1/4,NE1/4
	top pipe	957.74	West 2483.26	Lat = 39.11483 Long = 94.76927
MW-7	rim	963.31	North 4798.02	SE1/4,NE1/4,NW1/4,NE1/4
	top pipe	962.96	West 1608.02	Lat = 39.11504 Long = 94.76619
MW-8	rim	946.27	North 4944.67	SE1/4,NE1/4,NW1/4,NE1/4
	top pipe	946.03	West 1417.53	Lat = 39.11545 Long = 94.76552

Lat & Long derived from Edwardsville 7.5' quad map. WGS84.

Elevation derived from Kansas City Public Works, NAVD 88.

RECEIVED
MAY 25 2022
BUREAU OF WATER

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 RLS

Dennis L Handke

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.

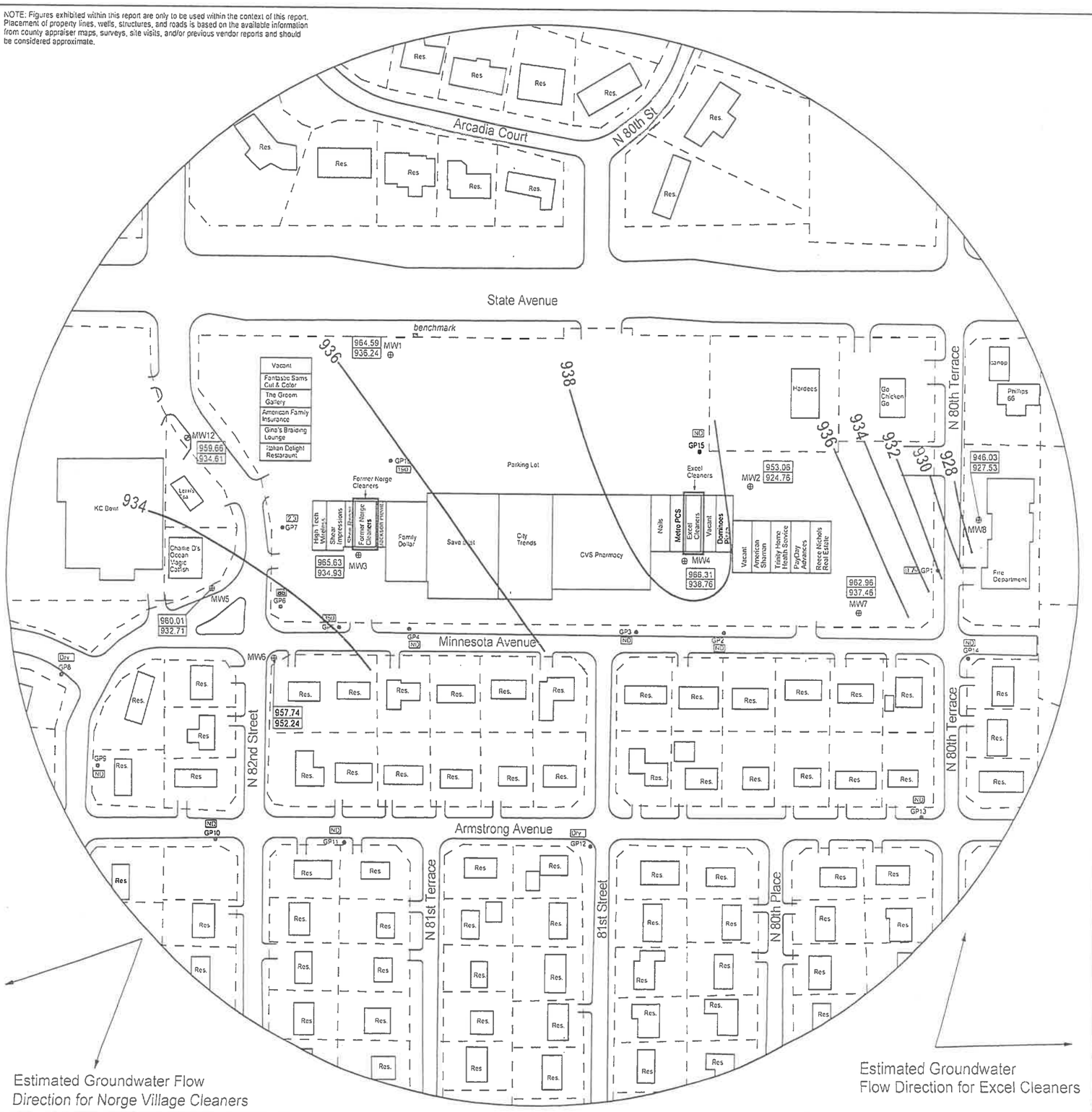


FIGURE 3 - GROUNDWATER FLOW MAP

LEGEND

- Approximate Location of Former UST Basin, Product Lines & Pump Islands
- Approximate Location of Property Line
- Monitoring Well nearby site Saco Petroleum (U4-105-10699)
- Monitoring Well (Installed 12/13-14/21, 12/16-17/21, 12/20/21)
- 1307.80 Casing Elevation (AMSL)
- 1290.97 Groundwater Elevation (AMSL)
- 1291 Equipotential Line (AMSL)

NOTE: MW2 & MW6 is anomalous; therefore the data was not used to determine groundwater flow.

larsen & ASSOCIATES, INC.

1311 E 25th St., Suite B
Lawrence, KS 66046

785-841-8707 office
785-865-4282 fax

PROJECT:
Norge Village Cleaners
8129 State Avenue
Kansas City, KS
KDHE ID: C4-105-73681
Date: 1/27/22

N

0 160 ft

8-11-22