WATER WELL RECORD (WWC-5)

Constructed

KOLAR DOC ID 1731022 WELL ID MW4

✓ Original Record ☐ Correction ☐ Change in Well Use

LOCATION OF WATER WELL

Latitude	37.56975	Longitude	-95.24354	Section	32	Township	28	Range	20 ✓E ☐W	Fraction	SE ¼ NE ¼ NW ¼
Datum	WGS84	Elevation	895	County	Neosho						

WATER WELL OWNER

Name	
Business	KDHE (City of Erie)
Address	1000 SW Jackson Topeka KS 66612
Well location ☐ at owner's address	~60' west of 226 N Main St, Erie, KS

CONSTRUCTION

Borehole interval: from 0 to 20 ft. from ____ to ____ ft.

Borehole diameter: 7.25 in. ____ in.

Casing height above land surface: -0.29 in.

If casing height is less than 12 in. has a variance been approved?* ✓ Yes ☐ No

*variance not required for monitoring or environmental remediation wells

Casing type: ThermalPlastic

Blank casing interval: 0 ft. to 10 ft.

Blank casing diameter: 2 in.

Casing joints: Threaded

Weight: ____ lbs/ft.

Wall thickness or gauge no.: 0.154"

Blank casing interval: ____ ft. to ____ ft.

Blank casing diameter: ____ in.

Casing joints: ____

Weight: ____ lbs/ft.

Wall thickness or gauge no.: ____

Grout interval: 1 ft. to 8 ft.

Grout material: Bentonite

Grout interval: ____ ft. to ____ ft.

Grout material: ____

Screen / perforation material: PVC

Screen / perforation openings: Mill slot

Screen / perforation intervals:

From 10 ft. to 20 ft.

Slot size ____ unit ____

From ____ ft. to ____ ft.

Slot size ____ unit ____

Gravel pack intervals:

Gravel pack not used: ☐ Gravel size ____ in

From 8 ft. to 20 ft.

Gravel pack not used: ☐ Gravel size ____ in

From ____ ft. to ____ ft.

WELL WATER USE

Environmental Remediation / Monitoring Mc

COMPLETION

Depth of completed well: 20 ft.

Depth(s) groundwater encountered:

(1) ____ ft.; (2) ____ ft.;

(3) ____ ft.; (4) ☐ dry well

Static water level in well: 15.48 ft.

✓ measured below land surface on (mm/dd/yy): 08/31/2023

☐ measured above land surface on (mm/dd/yy): ____

Estimated yield: ____ gpm

Water level was: ____ ft. after ____ hours pumping ____ gpm

Pump installed? ☐ Yes ✓ No

Water well disinfected? ☐ Yes ☐ No

Date disinfected (mm/dd/yy): ____

Aquifer, if known:

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Source: Fuel storage

Distance from well: 60 Direction from well: E

Source description: ____

Source: ____

Distance from well: ____ Direction from well: ____

Source description: ____

☐ No potential source of contamination within 100 feet.

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: ____

KDHE / EPA Project Code: U3-067-15295

Site Name: City of Erie

KDHE UIC Class V Form Completed: ☐ Yes ☐ No

County Permit: ☐ Yes ☐ No Permit ID: ____

Lease Name & Well #: ____

# of boreholes: ____ # of dewatering wells: ____

LITHOLOGIC LOG

FROM	TO	LITHOLOGY INTERVALS
0	1.5	topsoil,silty
1.5	6	clay,silty
6	9	clay,silty,some shale
9	19	clay,sandy

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well contractor's license and was completed on 08/23/2023. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on ____ under the business name of Larsen And Associates, Kansas Water Well Contractor's License No. 757 under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: Donald Beemer.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.

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.

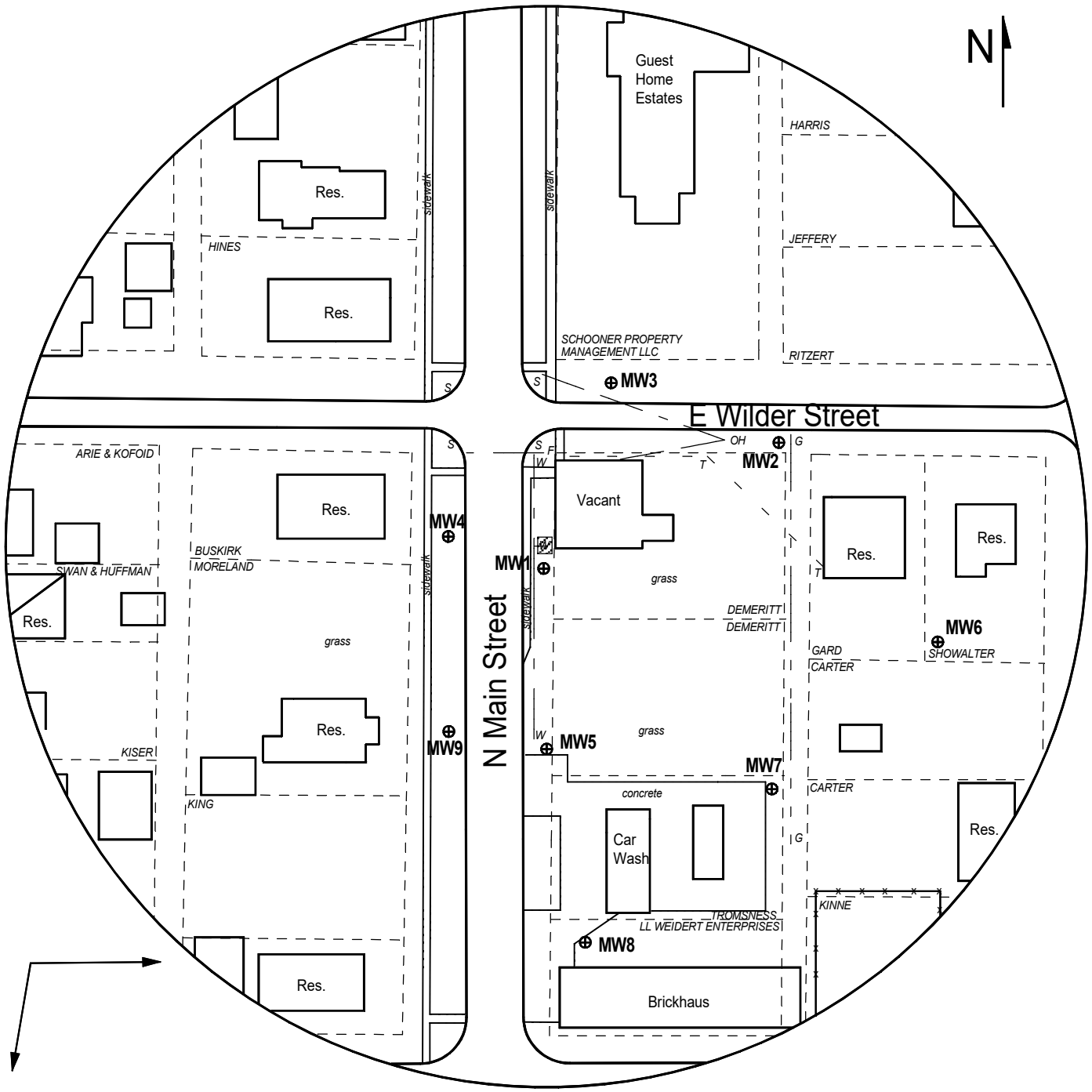

FIGURE 3 - 350 FT RADIUS AREA BASE MAP

LEGEND:

- Approximate Location of Former UST Basin
- Building with Basement
- ⊕ Proposed Monitoring Well
- X Proposed Soil Boring
- F Fire Hydrant
- OH Overhead Lines (25-40 ft high)
- S Sewer (2 - 6 ft BGS)
- T Telephone (2 - 6 ft BGS)
- G Gas (2 - 6 ft BGS)
- W Water (2 - 6 ft BGS)

Overhead Lines
Sanitary Sewer (2 - 6 ft BGS)

NOTE: SB5 & SB6 will be drilled to collect hydrological samples.
NOTE: Utility depths and locations are approximate.

larsen & ASSOCIATES, INC.

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

PROJECT:

City of Erie
226 N. Main
Erie, KS
KDHE ID: U3-067-15295
Date: 2/23/23

0 100 ft

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

September 14, 2023

RE: Monitor Well Elevation Survey
226 N. Main St., Erie, Kansas

Proj. 23-00EE
City of Erie
U3-067-15295

Bench Mark: Chisled Sq. on West edge of concrete floor of storage unit of car wash.
Elev: 896.83 North 4060.22 West 2545.79 (from SE Cor. Sec. 32-28-20E

MW-1	rim	893.90	North	4261.21	SW1/4,SW1/4,NW1/4,NE1/4
	top pipe	893.49	West	2589.14	Lat= 37.56971 Long = 95.24331
MW-2	rim	891.43	North	4344.17	NW1/4,SW1/4,NW1/4,NE1/4
	top pipe	890.87	West	2484.56	Lat= 37.56994 Long = 95.24294
MW-3	rim	892.59	North	4382.93	NW1/4,SW1/4,NW1/4,NE1/4
	top pipe	892.16	West	2549.94	Lat= 37.57005 Long = 95.24317
MW-4	rim	894.72	North	4275.45	SE1/4,SE1/4,NE1/4,NW1/4
	top pipe	894.43	West	2657.40	Lat= 37.56975 Long = 95.24354
MW-5	rim	895.20	North	4139.67	SW1/4,SW1/4,NW1/4,NE1/4
	top pipe	894.76	West	2587.87	Lat= 37.56938 Long = 95.24330
MW-6	rim	890.98	North	4196.70	SW1/4,SW1/4,NW1/4,NE1/4
	top pipe	890.65	West	2326.72	Lat= 37.56953 Long = 95.24240
MW-7	rim	896.90	North	4112.35	SW1/4,SW1/4,NW1/4,NE1/4
	top pipe	896.42	West	2451.30	Lat= 37.56930 Long = 95.24283
MW-8	rim	896.18	North	4018.99	SW1/4,SW1/4,NW1/4,NE1/4
	top pipe	895.69	West	2568.50	Lat= 37.56905 Long = 95.24324
MW-9	rim	895.50	North	4149.37	SE1/4,SE1/4,NE1/4,NW1/4
	top pipe	895.09	West	2656.09	Lat= 37.56941 Long = 95.24354

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

Elevation established from NGS BM ERIE 1934. NAVD 88.

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
LS-785
KANSAS
LAND SURVEYOR