

WATER WELL RECORD

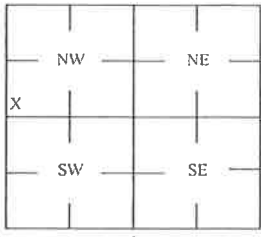
Form WWC-5

Division of Water
Resources App. No.

Well ID

MW1

☒ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County Osage		Fraction SW ¼ SW ¼ SW ¼ NW ¼	Section Number 19	Township Number T 14 S	Range Number R 16 E <input checked="" type="checkbox"/> W
2 WELL OWNER: Last Name: Business: Ramsdell Real Estate LLC Address: 106 N Topeka Ave City Carbondale State: KS ZIP: 67330		Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 106 N Topeka Ave, Carbondale, KS			
3 LOCATE WELL WITH "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL: 13 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 11.40 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 8/12/2021 <input type="checkbox"/> 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: 38.81922 (decimal degrees) Longitude: -95.68654 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: _____ <input type="checkbox"/> GPS (unit make/model: _____) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper	
				6 Elevation 1151.57 ft <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other _____	

7 WELL WATER TO BE USED AS:

- | | | |
|---|--|--|
| 1 Domestic:
<input type="checkbox"/> Household
<input type="checkbox"/> Lawn & Garden
<input type="checkbox"/> Livestock
<input type="checkbox"/> Irrigation
<input type="checkbox"/> Feedlot
<input type="checkbox"/> Industrial | 5 <input type="checkbox"/> Public Water Supply: well ID
6 <input type="checkbox"/> Dewatering: how many wells?
7 <input type="checkbox"/> Aquifer Recharge: well ID
8 <input checked="" type="checkbox"/> Monitoring: well ID MW1
9 Environmental Remediation: well ID
<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction
<input type="checkbox"/> Recovery <input type="checkbox"/> Injection | 10 <input type="checkbox"/> Oil Field Water Supply: lease
11 Test Hole: well ID
<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
12 Geothermal: How many bores?
a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
<input type="checkbox"/> 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 3 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft,
 Casing height above land surface -0.32 in. Weight _____ lbs./ft. Well thickness or gauge No _____

TYPE OF SCREEN OR PERFORATION MATERIAL:

☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC ☐ Other (Specify) _____
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

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 13 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

GRAVEL PACK INTERVALS: From 2 ft. to 13 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? E Distance from well? ~5 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.3	Gravel			
0.3	2	Clay			
2	4	Limestone			
4	7	Clay			
7	13	Weathered shale			

Notes: KDHE ID: Ramsdell Real Estate LLC; U4-070-15276

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-yr) 7/8/21 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-yr) 8/13/21
 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, CWS 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

DENNIS L HANDKE

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

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

August 4, 2021

RE: Monitor Well Elevation Survey
106 N. Topeka Ave, Carbondale, Kansas

Proj. 21-00X
Ramsdell Real Estate LLC
KDHE ID U4-070-15276

Bench Mark: Chisled X on top South bolt of concrete sign base West of the building.
Elev.: 1152.32 North 2772.63 West 5387.50 (from SE Cor. Sec. 19-14-16E)

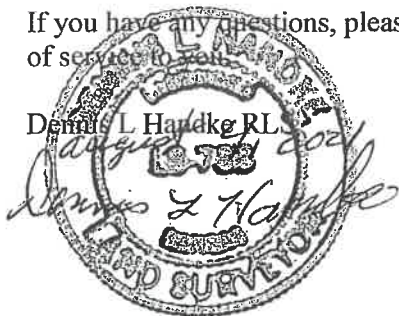
MW-1	rim	1151.89	North 2753.85	SW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1151.57	West 5322.66	Lat = 38.81922 Long = 95.68654
MW-2	rim	1152.62	North 2721.98	SW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1152.27	West 5276.73	Lat = 38.81913 Long = 95.68638
MW-3	rim	1151.32	North 2791.71	SW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1150.65	West 5375.31	Lat = 38.81932 Long = 95.68672
MW-4	rim	1151.96	North 2758.41	SW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1151.45	West 5225.68	Lat = 38.81928 Long = 95.68620
MW-5	rim	1150.85	North 2843.19	SW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1150.59	West 5307.19	Lat = 38.81946 Long = 95.68648
MW-6	rim	1150.02	North 2847.12	SW1/4,SW1/4,SW1/4,NW1/4
	top pipe	1149.38	West 5355.55	Lat = 38.81947 Long = 95.68665
MW-7	rim	1154.10	North 2632.48	NW1/4,NW1/4,NW1/4,SW1/4
	top pipe	1153.67	West 5366.78	Lat = 38.81888 Long = 95.68669
MW-8	rim	1149.74	North 2820.03	SE1/4,SE1/4,SE1/4,NE1/4 (Sec. 24-14-15E)
	top pipe	1149.14	West 5460.16	Lat = 38.81940 Long = 95.68702

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

Elevation derived from NGS BM U 12, 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 RL



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.

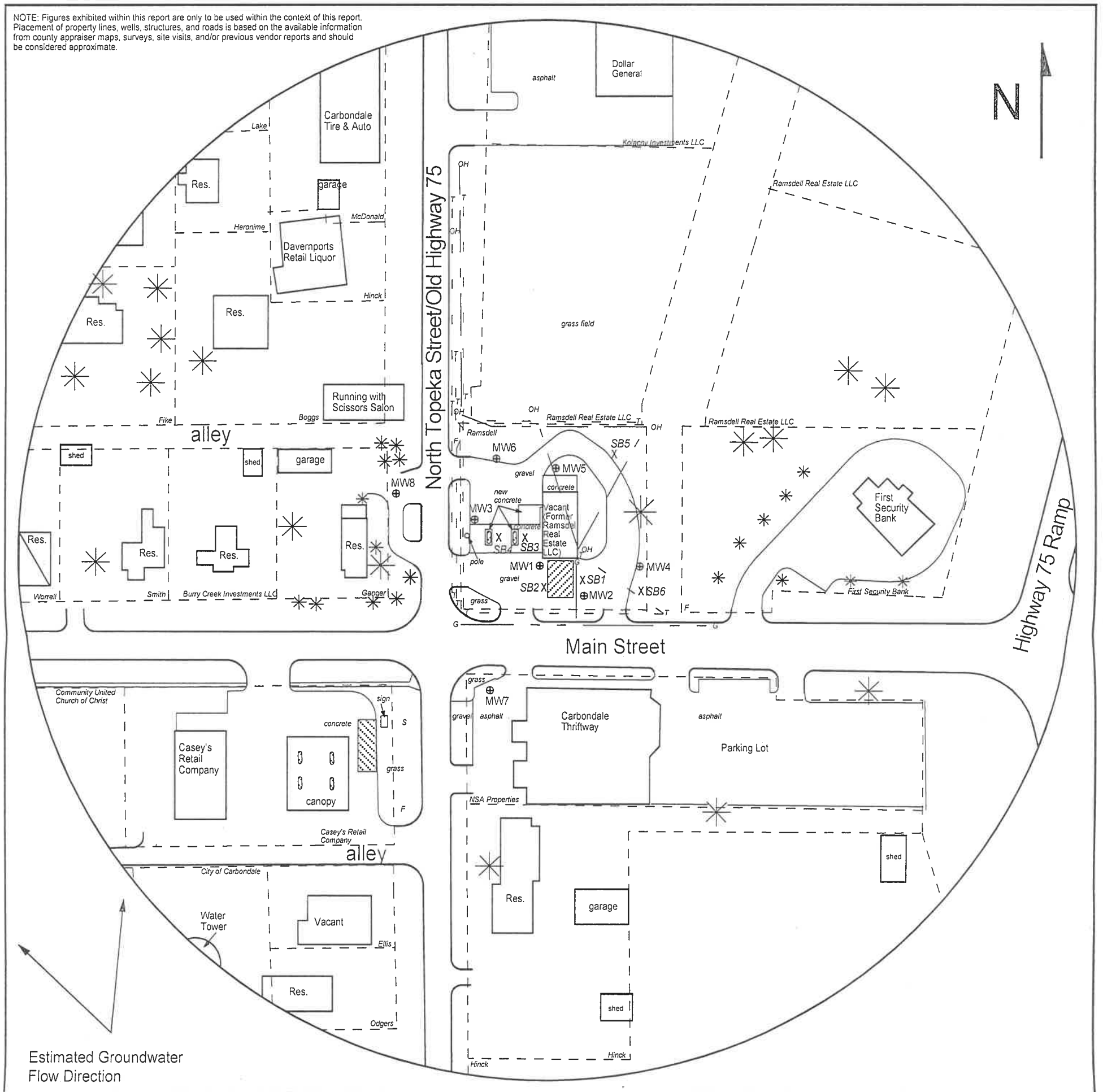


FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP



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

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

PROJECT:

Ramsdell Real Estate LLC
106 N. Topeka Ave.
Carbondale, KS
KDHE ID: U4-070-15276
Date: 8/12/21

0 100 ft

LEGEND

- Approximate Location of Former UST Basin Pump Islands
- Approximate Location of Active UST Basin Pump Islands
- Building with Basement
- Approximate Location of Property Line
- Monitoring Well (Installed 7/8/21, 712-13/21)
- Soil Boring (Drilled 7/8/21, 712-13/21)
- Fire Hydrant
- Sewer Inlet
- Gas Lines (1.5 - 3 ft bgs)
- Overhead Lines (25'-40' high)
- Telephone Lines (2 - 6 ft bgs)

NOTE: SB5 & SB6 were drilled to collect hydrologic samples.
NOTE: Utility depths, heights and locations are approximate.

RECEIVED
NOV 02 2021
BUREAU OF WATER