

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW11

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Osage Fraction SE 1/4 SE 1/4 SE 1/4 NE 1/4 Section Number 24 Township Number T 14 S Range Number R 15 E

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): ~350' NW of 106 N. Topeka Ave., Carbondale, KS

3 LOCATE WELL WITH 'X' IN SECTION BOX: N NW NE SW SE S W E X

4 DEPTH OF COMPLETED WELL: 13 ft Depth(s) Groundwater Encountered: 1) 13 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 0.00 ft X below land surface, measured on (mo-day-yr) 6/8/2023

5 Latitude: 38.81996 (decimal degrees) Longitude: -95.68783 (decimal degrees) Horizontal Datum: X WGS 84 GPS (unit make/model): Land Survey Topographic Map Online Mapper

6 Elevation 1137.01 ft Ground Level 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 Public Water Supply: well ID 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MW11 6 Environmental Remediation: well ID 7 Air Sparge 8 Soil Vapor Extractor 9 Recovery 10 Injection 11 Oil Field Water Supply: lease 12 Test Hole: well ID Cased Uncased Geotechnical 13 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 3 ft Diameter in. to ft Diameter in. to ft Casing height above land surface -0.59 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 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 3 ft. to 13 ft. GRAVEL PACK INTERVALS: From 2 ft. to 13 ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite X Other Concrete: 0-1' Grout intervals: From 1 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify): Direction from well? SE Distance from well? ~425 ft

Table with 3 columns: FROM, TO, LITHOLOGIC LOG. Row 1: 0, 5.5, Clay, gravely, coal chunks. Row 2: 5.5, 13, Clay.

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 X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 5/24/23 and this record is true to the best of my knowledge and belief. License No 757 This Water Well Record was completed on (mo-day-year) 6/28/23 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, CWWS 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.

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

T.14 R.15E Sec.24
Osage County

June 23, 2023

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

Proj. 23-00V
Ramsdell Real Estate LLC
KDHE ID U4-070-15276

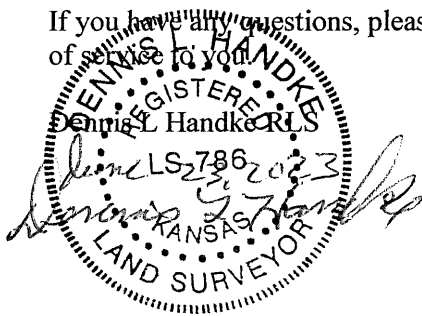
Bench Mark: Chisled X on top South bolt of concrete sign base West of the building.
Elev.: 1152.32 North 2772.63 West 5387.50 (from SE Cor. Sec. 19-14-16E)

MW-9	rim	1135.86	North 3042.52	SE1/4,SE1/4,SE1/4,NE1/4 (Sec. 24-14-15E)
	top pipe	1135.40	West 5440.77	Lat = 38.81998 Long = 95.68698
MW-11	rim	1137.60	North 3038.20	SE1/4,SE1/4,SE1/4,N1/4 (Sec. 24-14-15E)
	top pipe	1137.01	West 5684.20	Lat = 38.81996 Long = 95.68783

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

Elevation derived from existing project, NAVD 88.

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



T.14 R.15E Sec.24 Osage County

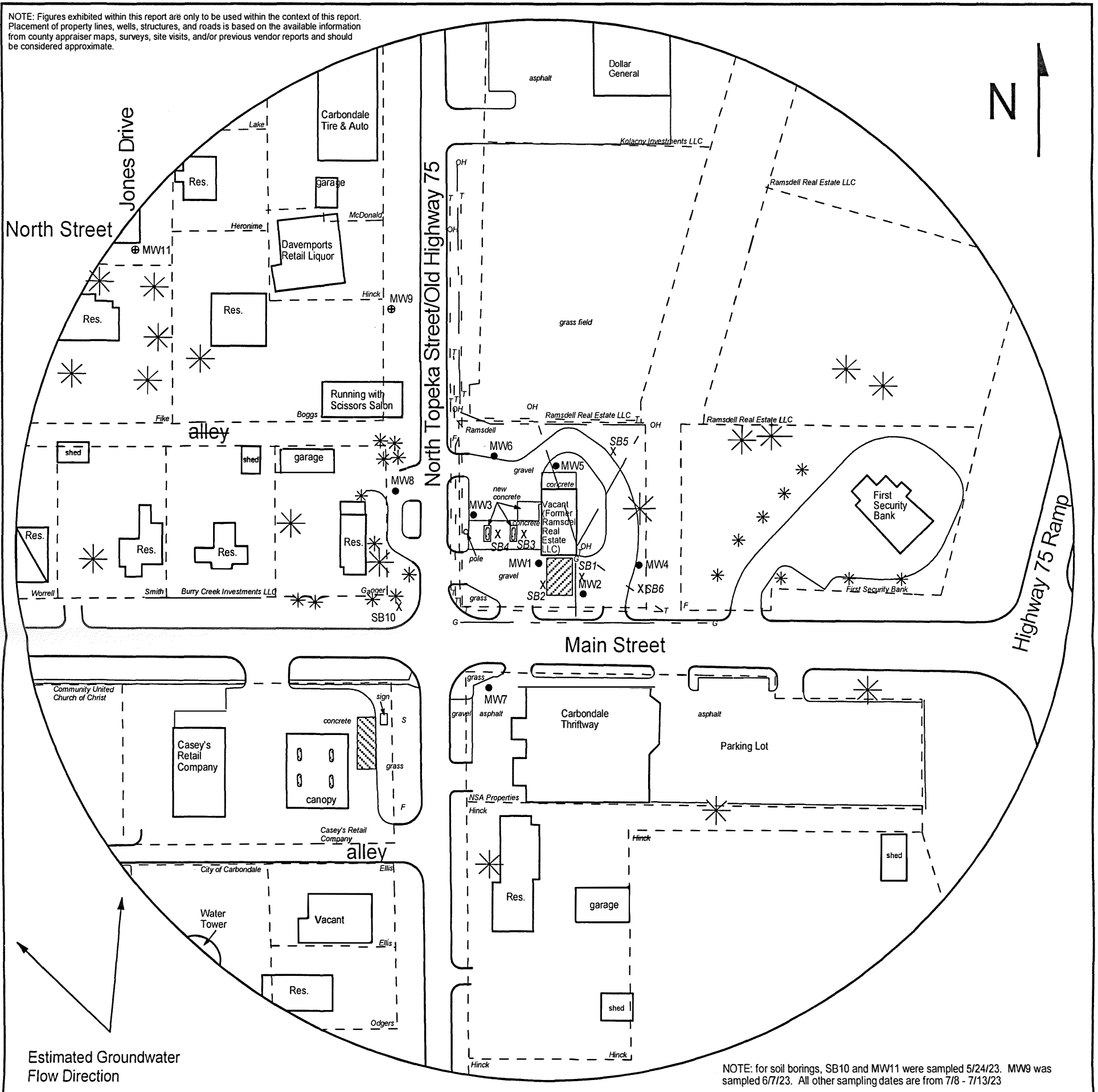


FIGURE 2.1 - 500 FT RADIUS AREA BASE MAP

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
- Existing Monitoring Well
- New Monitoring Well (Installed 5/24 and 6/7/23)
- Soil Boring (Drilled 7/8/21, 7/12-13/21, 5/24/23)
- 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.



PROJECT:
Ramsdell Real Estate LLC
106 N. Topeka Ave.
Carbondale, KS
KDHE ID: U4-070-15276
Date: 6/8/23



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