

WATER WELL RECORD (WWC-5)

KOLAR DOC ID _____ WELL ID _____
 Original Record Correction Change in Well Use

LOCATION OF WATER WELL

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

WATER WELL OWNER

Name	
Business	
Address	
Well location	
at owner's address	

WELL WATER USE

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COMPLETION

Depth of completed well: _____ ft.
Depth(s) groundwater encountered:
(1) _____ ft.; (2) _____ ft.;
(3) _____ ft.; (4) dry well
Static water level in well: _____ ft.
measured below land surface
on (mm/dd/yy): _____
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: _____
Distance from well: _____ Direction from well: _____
Source description: _____
Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
No potential source of contamination within 100 feet.

CONSTRUCTION

Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: _____ 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: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals:	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
Gravel pack intervals:	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: _____
KDHE / EPA Project Code: _____
Site Name: _____
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

COMMENTS

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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

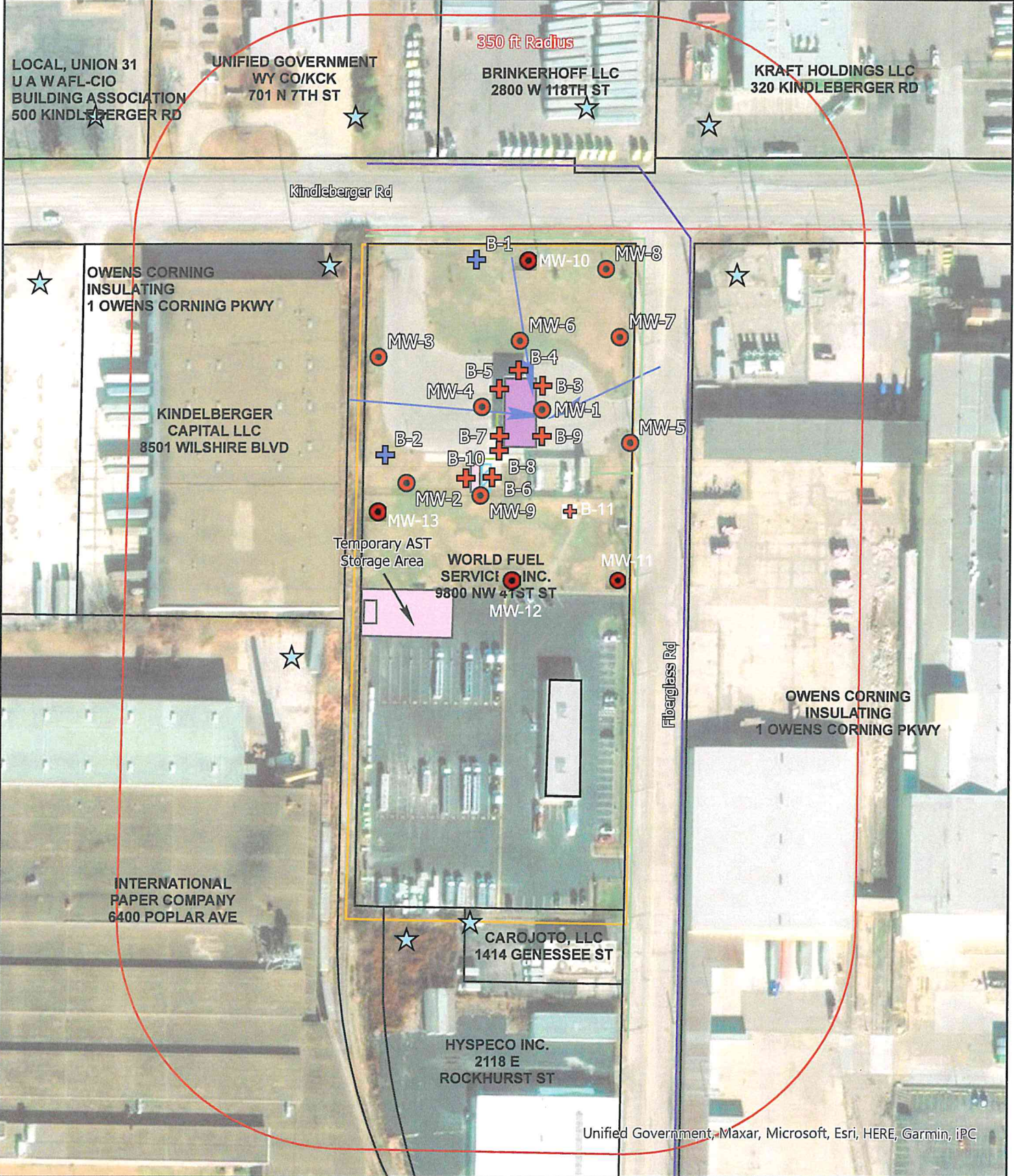
This water well was constructed reconstructed pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ 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: _____.

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

Form	WWC5.2 - Water Well Record
Doc ID	1805974
Well Owner	World Fuel Services
Contractor	Larsen And Associates

Lithology

From	To	Lithology Intervals
0	6	clay, silty
6	7	silt, clayey
7	8	clay, silty
8	14	clay
14	23	sand, fine to coarse
23	24	sand, fine to coarse, silty
24	32.5	sand, fine to coarse



Unified Government, Maxar, Microsoft, Esri, HERE, Garmin, IPC

Site Boundary	DEF UST	Geotechnical Boring	Groundwater Flow Direction
Parcel Boundary	Power	Soil Boring	Note: Benchmark located at MW-2.
On Site Building	Sanitary Sewer	Monitoring Well	N
Canopy & Dispensers	Stormwater	Commercial/ Industrial	0 50 100 200 Feet
AST	Product Lines		

FIGURE 2.1	Project Mgr. JK	Date: 11/19/2024
	Designed By: KM	Rev.:
	Drawn By: KM	Rev.:
	Checked By: JK	Rev.:
	Job No.: 3397.01	Rev.:



SHEET NAME	Area Base Map 350' Radius	PROJECT NAME	World Fuel Services	
PROJECT NAME	LSA	KDHE PROJECT CODE	A4-105-40512	
PROJECT LOCATION	401 Kindelberger Road, Kansas City, KS		SCALE	1"= 200'

HORIZONTAL AND VERTICAL SURVEY

Site: World Fuel Services, 401 Kindleberger Rd, KCKS KDHE Proj. Code A4-105-40512 Weather
 for Blackstone Environmental Project: LSA Field work performed: 11/14/2024 58F, clear
 by Robert W. Jones, RLS -781 13210 Jim's Court, Smithville, MO 64089 (816) 929-9246 Dat 11/17/2024
Scope of Work ADD MW10, 11, 12, & 13 BM used: Rim of MW6 as per previous survey Crew: R. Jones/C. Jones

<u>Description</u>	<u>B'sight +</u>	<u>HI</u>	<u>F'sight-</u>	<u>Rim</u>	<u>Casing</u>	<u>North²</u>	<u>East²</u>	<u>Qtr-Qtr-Qtr-Qtr</u>
Bench mark ¹	4.74	752.78	4.71	748.04	747.69	4,907.95	6,209.89	(S27, T10S, R25E) NE1/4 NE1/4 NW1/4 SW1/4
Bench mark ¹	4.92	752.96	5.90	748.04	746.62	4,551.94	6,358.64	SW1/4 NW1/4 NE1/4 SW1/4
MW11			6.07	747.06	746.50	4,564.44	6,245.14	SE1/4 NE1/4 NW1/4 SW1/4
MW12			6.14	746.89	746.35	4,631.94	6,120.14	SE1/4 NE1/4 NW1/4 SW1/4
MW13			4.60	746.82				
MW9				748.36				

<u>Latitude/Longitude</u>	<u>N</u>	<u>E</u>
MW10	39.14997	-94.61733
MW11	39.14890	-94.61713
MW12	39.14890	-94.61756
MW13	39.14922	-94.61799

FOOTNOTES: 1. Project Bench Mark was established on the rim of MW6 by M. Wayne Blackbourn, PE, PS (KS LS-1127), of Blackstone Environmental on August 1, 2023. No information on the Tie to the Datum was provided with elevation noted as 748.04
 2. To remain consistent with 8/1/2023 survey report by Blackbourn, the Coordinate reference point is at W 1/4 Cor. S 27 with assumed coordinates N 5,000, E 5,000.

By my seal and signature at left, I attest that the above survey is accurate and complete to the best of my knowledge, and was performed by me personally.
 Robert W. Jones, KS RLS #781. RWJonesPE@AOL.COM

