

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

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|--|
| 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: | Borehole diameter: |
| from _____ to _____ ft. | _____ 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 |
|------|----|---------------------|
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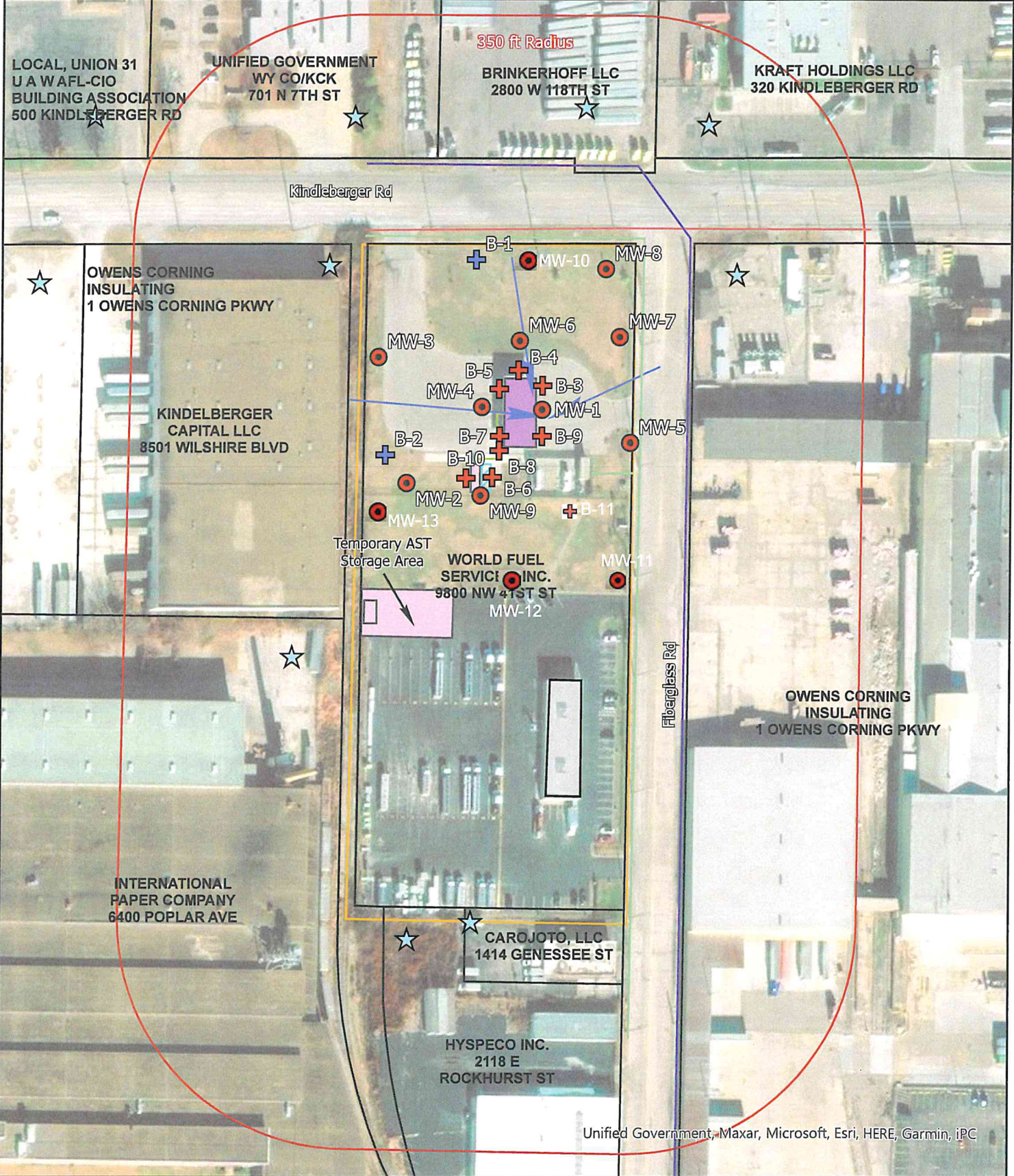
COMMENTS

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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

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|---|
| 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.



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.: |



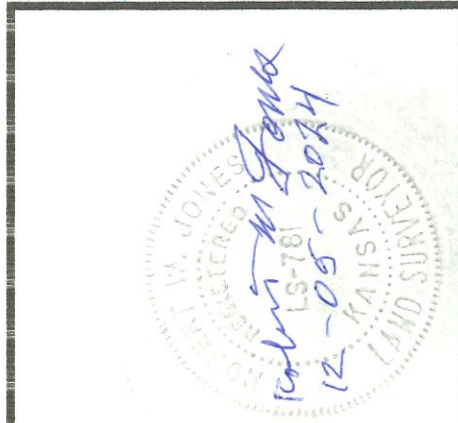
| | | | | |
|------------------|--|-------------------|---------------------|----------|
| SHEET NAME | Area Base Map 350' Radius | PROJECT NAME | World Fuel Services | |
| PROJECT NAME | LSA | KDHE PROJECT CODE | A4-105-40512 | |
| PROJECT LOCATION | 401 Kindelberger Road, Kansas City, KS | | SCALE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