

**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<br>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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|  |
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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:   | 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 |
|------|----|---------------------|
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |
|      |    |                     |

**COMMENTS**

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|  |
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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: _____. |
|---|

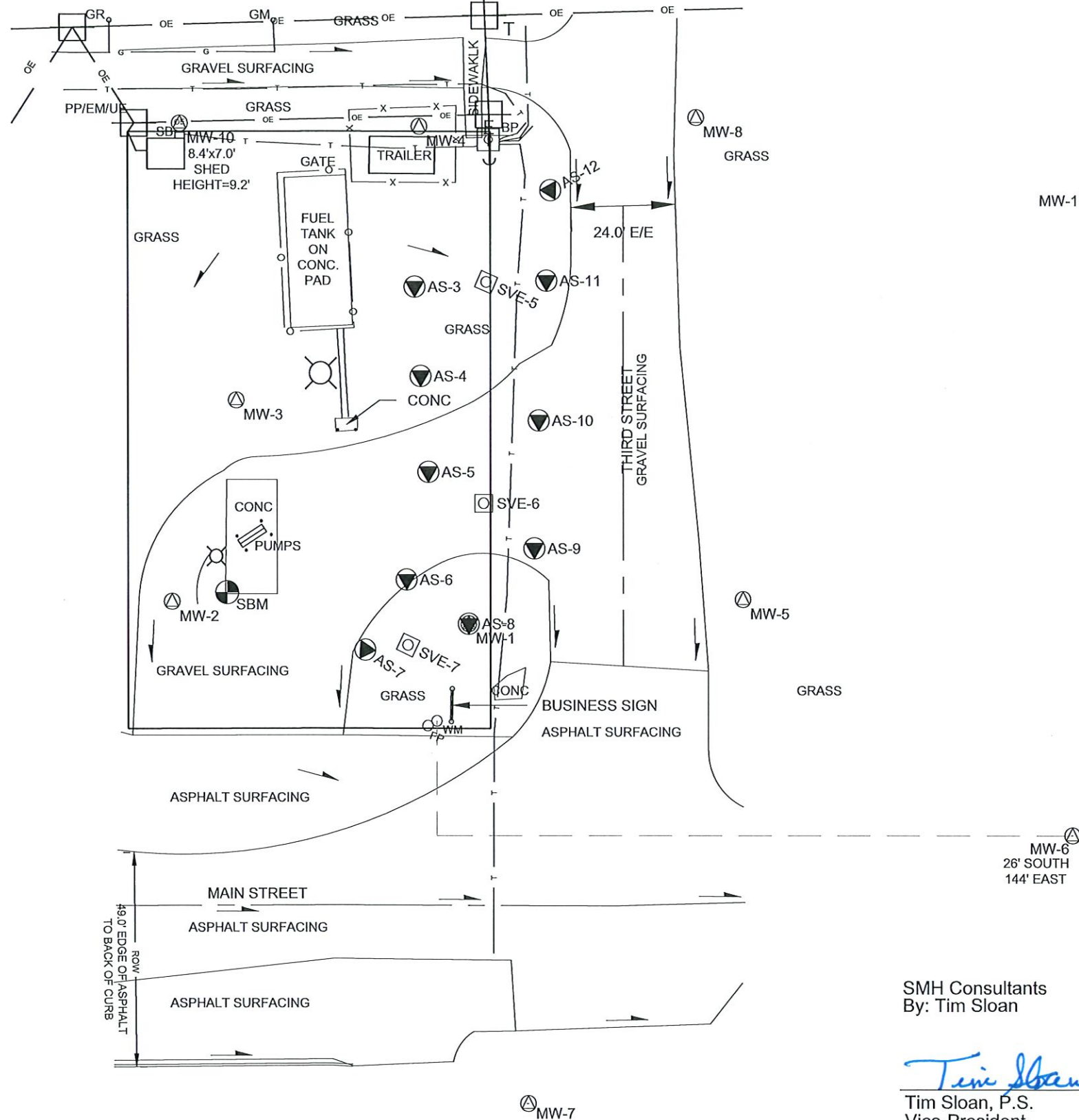
Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

# REMEDIAL SITE SURVEY

AURORA CO-OP

CITY OF AURORA, CLOUD CO., KANSAS

SCALE: 1"=30'  
0 15' 30'



| Point                    | North Coordinate | East Coordinate | Distance from SE Cor. Sec. 03 |         | *Elev. Top of Rim or of PVC Pipe | Elev. Top of PVC Pipe | Latitude North | Longitude West |
|--------------------------|------------------|-----------------|-------------------------------|---------|----------------------------------|-----------------------|----------------|----------------|
|                          |                  |                 | North                         | West    | PK Nail                          |                       |                |                |
| SE Cor. Sec.03-T33S-R20W |                  |                 |                               |         |                                  |                       |                |                |
|                          | 20000            | 20000           |                               |         |                                  |                       |                |                |
| AS-3                     | 20148.53         | 16585.46        | 148.53                        | 3414.54 | 1502.42                          | 1501.78               | 39.45242       | 97.52979       |
| AS-4                     | 20128.09         | 16586.83        | 128.09                        | 3413.17 | 1501.69                          | 1500.97               | 39.45236       | 97.52979       |
| AS-5                     | 20149.55         | 16601.64        | 149.55                        | 3398.36 | 1501.62                          | 1501.09               | 39.45242       | 97.52973       |
| AS-6                     | 20099.53         | 16601.07        | 99.53                         | 3398.93 | 1500.76                          | 1500.09               | 39.45228       | 97.52974       |
| AS-7                     | 20067.44         | 16583.93        | 67.44                         | 3416.07 | 1500.74                          | 1500.16               | 39.45219       | 97.52983       |
| AS-8                     | 20072.05         | 16597.11        | 72.05                         | 3402.89 | 1500.48                          | 1499.82               | 39.45221       | 97.52975       |
| AS-9                     | 20089.31         | 16612.54        | 89.31                         | 3387.46 | 1500.31                          | 1499.61               | 39.45225       | 97.52970       |
| AS-10                    | 20118.03         | 16613.57        | 118.03                        | 3386.43 | 1500.52                          | 1499.65               | 39.45233       | 97.52969       |
| AS-11                    | 20149.63         | 16615.30        | 149.63                        | 3384.70 | 1501.26                          | 1500.32               | 39.45242       | 97.52969       |
| AS-12                    | 20170.32         | 16616.21        | 170.32                        | 3383.79 | 1501.54                          | 1500.45               | 39.45248       | 97.52968       |
| SVE-5                    | 20149.55         | 16601.64        | 149.55                        | 3398.36 | 1501.62                          | 1501.09               | 39.45242       | 97.52973       |
| SVE-6                    | 20099.53         | 16601.07        | 99.53                         | 3398.93 | 1500.76                          | 1500.09               | 39.45228       | 97.52974       |
| SVE-7                    | 20067.44         | 16583.93        | 67.44                         | 3416.07 | 1500.74                          | 1500.16               | 39.45219       | 97.52980       |
| MW-1                     | 20072.27         | 16597.68        | 72.27                         | 3402.32 | 1499.53                          | 1499.28               | 39.45221       | 97.52975       |
| MW-2                     | 20077.31         | 16530.58        | 77.31                         | 3469.42 | 1502.74                          | 1502.54               | 39.45222       | 97.52998       |
| MW-3                     | 20122.89         | 16545.12        | 122.89                        | 3454.88 | 1502.26                          | 1501.94               | 39.45235       | 97.52993       |
| MW-4                     | 20184.76         | 16586.49        | 184.76                        | 3413.51 | 1502.50                          | 1502.09               | 39.45252       | 97.52978       |
| MW-5                     | 20077.77         | 16659.60        | 77.77                         | 3340.40 | 1497.27                          | 1496.85               | 39.45222       | 97.52953       |
| MW-6                     | 20024.81         | 16775.01        | 24.81                         | 3224.99 | 1493.97                          | 1493.79               | 39.45208       | 97.52912       |
| MW-7                     | 19964.14         | 16612.19        | 35.86 S                       | 3387.81 | 1499.27                          | 1498.87               | 39.45191       | 97.52970       |
| MW-8                     | 20186.79         | 16649.02        | 186.79                        | 3350.98 | 1500.06                          | 1499.26               | 39.45252       | 97.52956       |
| MW-9                     | 19976.14         | 16466.57        | 23.86 S                       | 3533.43 | 1502.01                          | 1501.79               | 39.45195       | 97.53021       |
| MW-10                    | 20185.48         | 16532.34        | 185.48                        | 3467.66 | 1503.24                          | 1502.85               | 39.45252       | 97.52997       |
| MW-11                    | 20170.87         | 16737.68        | 170.87                        | 3262.32 | 1595.89                          | 1595.64               | 39.45248       | 97.52925       |
| Site B.M.                | 20079.77         | 16543.29        | 79.77                         | 3456.71 | B.M. Elev. = 1502.07             |                       |                |                |

Description: □ cut on southwest corner of pump pad.

## LEGEND

- OE — OVERHEAD ELECTRIC LINE
- E — UNDERGROUND ELECTRIC LINE
- G — GAS LINE
- T — UNDERGROUND TELEPHONE LINE
- — — CENTERLINE TRAVELWAY
- — — CHAIN LINK FENCE
- MW1 (triangle in circle) MONITOR WELL
- AS1 (downward triangle in circle) AIR SPARGE WELL
- VEW1 (square with circle) SOIL VAPOR EXTRACTION WELL
- E/E EDGE TO EDGE OF GRAVEL ROAD
- BOLLARD
- (circle with triangle) SITE BENCHMARK
- (arrow) DRAINAGE DIRECTION
- (square with cross) POWER POLE
- PP/EMUE (square with cross) POWER POLE W/ ELECTRIC METER & UNDERGROUND ELECTRIC
- BP (square with cross) BRACE POLE
- (downward arrow) DEADMAN ANCHOR
- (X) LIGHT POLE
- (square) TELEPHONE PEDESTAL
- SB (square) TELEPHONE SPLICE BOX
- GM (circle with cross) GAS METER
- GR (circle with cross) GASLINE RISER
- WM (circle with cross) WATER METER

SMH Consultants  
By: Tim Sloan

*Tim Sloan*  
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Drawn By:RJC Project #2302-0060 TDS #92