WATER WELL RECORD (WWC-5)

Constructed

KOLAR DOC ID 1707806 WELL ID AS3

✓ Original Record ☐ Correction ☐ Change in Well Use

LOCATION OF WATER WELL

Latitude	39.45242	Longitude	-97.52979	Section	10	Township	7	Range	2 ☐E ✓W	Fraction	SW ¼ SE ¼ SW ¼
Datum	WGS84	Elevation	1503	County	Cloud						

WATER WELL OWNER

Name	
Business	KDHE
Address	1000 SW Jackson Suite 410 Topeka Kans 66612
Well location ☐ at owner's address	291 E. Main St. Aurora, KS

CONSTRUCTION

Borehole interval: from 0 to 22 ft. from ____ to ____ ft.

Borehole diameter: 8.25 in. ____ in.

Casing height above land surface: 0 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: ThermalPlastic

Blank casing interval: 0 ft. to 19.5 ft.

Blank casing diameter: 2 in.

Casing joints: Threaded

Weight: ____ lbs/ft.

Wall thickness or gauge no.: 40

Blank casing interval: ____ ft. to ____ ft.

Blank casing diameter: ____ in.

Casing joints: ____

Weight: ____ lbs/ft.

Wall thickness or gauge no.: ____

Grout interval: 1 ft. to 17.5 ft.

Grout material: Bentonite

Grout interval: ____ ft. to ____ ft.

Grout material: ____

Screen / perforation material: PVC

Screen / perforation openings: Continuous slot

Screen / perforation intervals:

From 19.5 ft. to 22 ft.

Slot size .02 unit inches

From ____ ft. to ____ ft.

Slot size ____ unit ____

Gravel pack intervals:

Gravel pack not used: ☐ Gravel size ____ in

From 17.5 ft. to 22 ft.

Gravel pack not used: ☐ Gravel size ____ in

From ____ ft. to ____ ft.

WELL WATER USE

Environmental Remediation / Monitoring Inj

COMPLETION

Depth of completed well: 22 ft.

Depth(s) groundwater encountered:

(1) 20 ft.; (2) ____ ft.;

(3) ____ ft.; (4) ☐ dry well

Static water level in well: 20 ft.

✓ measured below land surface on (mm/dd/yy): 01/12/2023

☐ 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.

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: ____

KDHE / EPA Project Code: U2-015-13668

Site Name: City of Aurora

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
0	8	silt,clayey,brown,soft
8	21	fill (man-made material),medium to coarse,tan,loose
21	22	sand,fine,gray,wet,loose,hydrocarbon staining

COMMENTS

CONTRACTOR'S OR LANDOWNERS CERTIFICATION

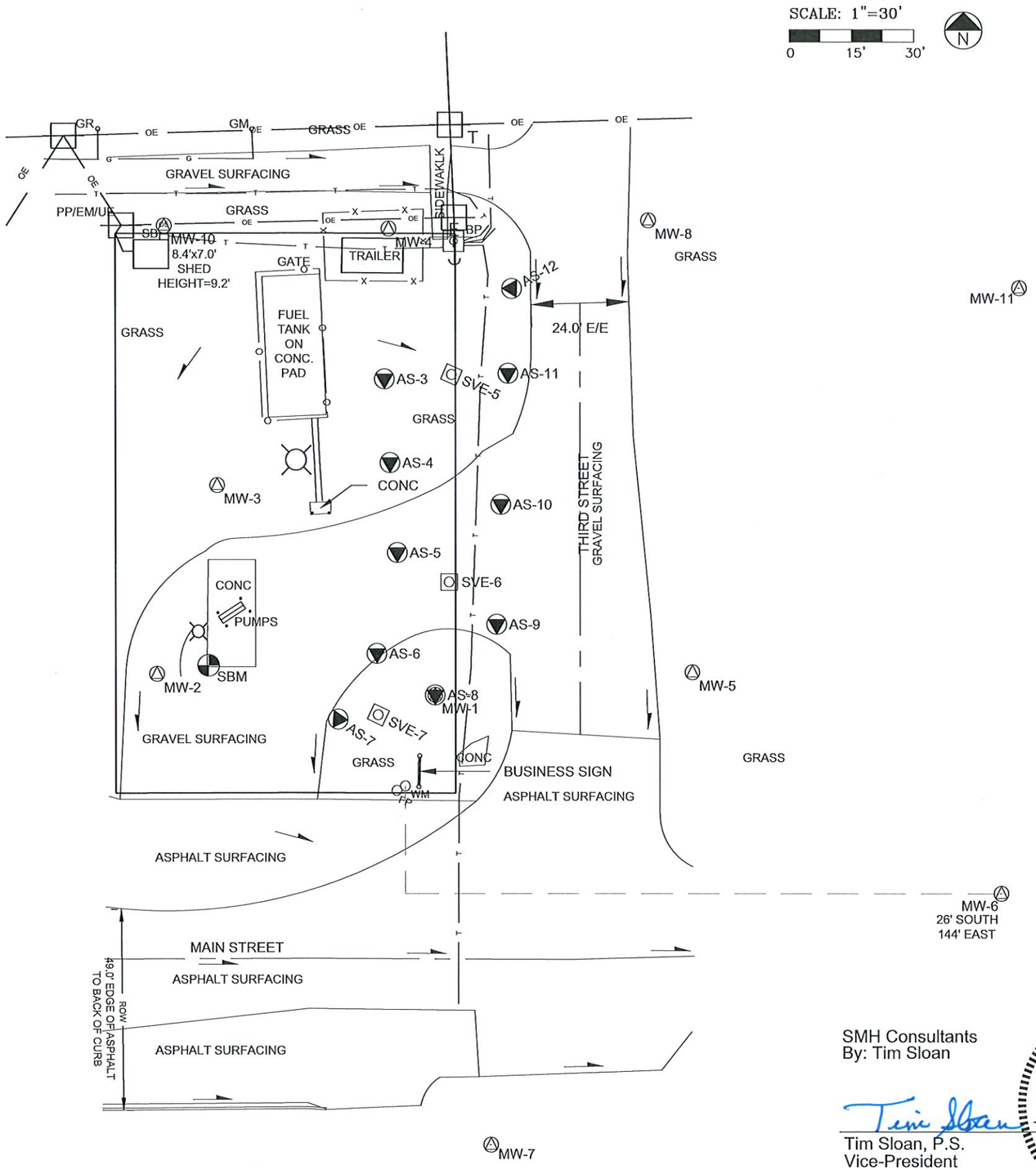
This water well was constructed ✓ reconstructed ☐ pursuant to the stated water well contractor's license and was completed on 01/10/2023. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on 04/07/2023 under the business name of Coranco Great Plains, Inc., Kansas Water Well Contractor's License No. 594 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: Daniel Blankenau.

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



Point	North Coordinate	East Coordinate	Distance from SE Cor. Sec. 03 North	Distance from SE Cor. Sec. 03 West	*Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
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 — G — GAS LINE
- T — T — UNDERGROUND TELEPHONE LINE
- CENTERLINE TRAVELWAY
- CHAIN LINK FENCE
- MW1 — MONITOR WELL
- AS1 — AIR SPARGE WELL
- VEW1 — SOIL VAPOR EXTRACTION WELL
- E/E — EDGE TO EDGE OF GRAVEL ROAD
- BOLLARD
- SITE BENCHMARK
- DRAINAGE DIRECTION
- POWER POLE
- PP/EM/UE — POWER POLE W/ ELECTRIC METER & UNDERGROUND ELECTRIC
- BP — BRACE POLE
- DEADMAN ANCHOR
- LIGHT POLE
- T — TELEPHONE PEDESTAL
- SB □ — TELEPHONE SPLICE BOX
- GM ° — GAS METER
- GR ° — GASLINE RISER
- WM ° — WATER METER

SMH Consultants
By: Tim Sloan

Tim Sloan, P.S.
Vice-President

TIM SLOAN REGISTERED LS-783 3/28/2023 KANSAS LAND SURVEYOR

SMH CONSULTANTS

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Drawn By:RJC Project #2302-0060 TDS #92