

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.

FULL SITE SURVEY

19TH STREET 66
LAWRENCE, KANSAS

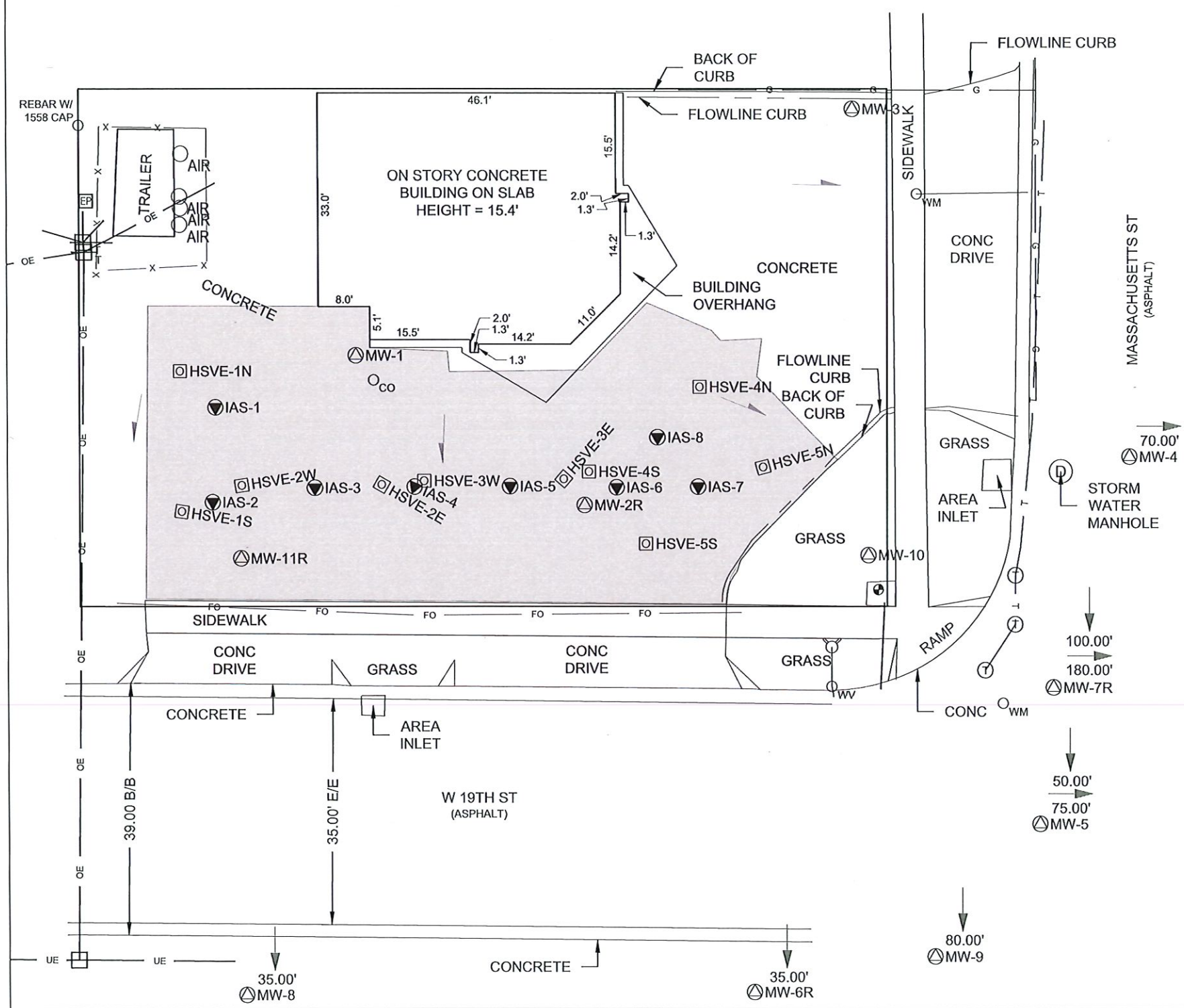
Point	North Coordinate	East Coordinate	Distance from SE Cor. Sec. 6		*Elev. Top of Rim or of PVC Pipe PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
			North	West				
SE Cor.								
Sec.06-T13S-R20E	20000	20000						
MW-1	22785.07	16324.51	2785.07	3675.49	869.44	869.15	38.95028	95.23638
MW-2R	22761.83	16359.78	2761.83	3640.22	868.62	867.91	38.95022	95.23626
MW-3	22822.91	16401.41	2822.91	3598.59	868.80	868.48	38.95039	95.23611
MW-4	22768.79	16514.16	2768.79	3485.84	868.12	867.61	38.95024	95.23571
MW-5	22662.02	16505.05	2662.02	3494.95	867.76	867.36	38.94995	95.23575
MW-6R	22651.33	16385.67	2651.33	3614.33	868.76	868.41	38.94992	95.23616
MW-7R	22632.80	16612.01	2632.80	3387.99	867.73	867.44	38.94987	95.23537
MW-8	22651.16	16306.92	2651.16	3693.08	868.83	868.34	38.94991	95.23644
MW-9	22611.77	16413.52	2611.77	3586.48	868.05	867.57	38.94981	95.23607
MW-10	22753.94	16403.65	2753.94	3596.35	868.51	868.20	38.95020	95.23610
MW-11R	22753.78	16306.55	2753.78	3693.45	868.64	867.85	38.95020	95.23644
HSVE-1N	22782.76	16297.21	2782.76	3702.79	869.52	869.10	38.95028	95.23648
HSVE-1S	22761.03	16297.39	2761.03	3702.61	868.91	868.54	38.95022	95.23648
HSVE-2W	22765.04	16306.72	2765.04	3693.28	868.92	868.45	38.95023	95.23644
HSVE-2E	22765.09	16328.39	2765.09	3671.61	868.77	868.28	38.95023	95.23637
HSVE-3W	22765.64	16334.95	2765.64	3665.05	868.79	868.28	38.95023	95.23634
HSVE-3E	22765.88	16356.56	2765.88	3643.44	868.72	868.25	38.95023	95.23627
HSVE-4S	22766.99	16360.47	2766.99	3639.53	868.76	868.18	38.95023	95.23625
HSVE-4N	22780.33	16377.68	2780.33	3622.32	868.84	868.24	38.95027	95.23619
HSVE-5N	22767.60	16387.44	2767.60	3612.56	868.52	867.86	38.95024	95.23616
HSVE-5S	22755.84	16369.28	2755.84	3630.72	868.41	867.93	38.95020	95.23622
IAS-1	22777.13	16302.69	2777.13	3697.31	869.32	868.81	38.95026	95.23646
IAS-2	22762.45	16302.19	2762.45	3697.81	868.93	868.29	38.95022	95.23646
IAS-3	22764.62	16318.05	2764.62	3681.95	868.80	868.28	38.95023	95.23640
IAS-4	22764.76	16333.49	2764.76	3666.51	868.77	868.24	38.95023	95.23635
IAS-5	22764.76	16348.24	2764.76	3651.76	868.67	867.93	38.95023	95.23630
IAS-6	22764.53	16364.78	2764.53	3635.22	868.68	868.18	38.95023	95.23624
IAS-7	22764.61	16377.39	2764.61	3622.61	868.62	867.98	38.95023	95.23620
IAS-8	22772.25	16371.15	2772.25	3628.85	868.83	868.06	38.95025	95.23622

Site B.M. 22748.60 16405.19 2748.60 3594.81 B.M. Elev. = 868.80

Description: "□" cut on northwest corner of traffic signal base at northeast quadrant of 19th street and Massachusetts Street

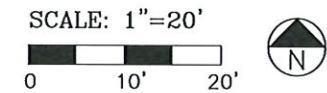
LEGEND

- ⊙ MW-1 MONITORING WELL
- ⊙_{WV} WATER VALVE
- ⊙_{WM} WATER METER
- ⊙_{WH} FIRE HYDRANT
- ⊙_{TM} TELEPHONE MANHOLE
- ⊙_{EP} ELECTRIC PANEL
- ⊙_{PP} POWER POLE
- ⊙_{PP-T} POWER POLE W/TRANSFORMER
- EXIST W — WATER LINE
- OE — OVERHEAD ELECTRIC
- UE — UNDERGROUND ELECTRIC
- T — TELEPHONE LINE
- FO — FIBER OPTIC LINE
- G — GAS LINE
- X — FENCE LINE
- NEW CONCRETE HATCH
- UST UST FILL CAPS
- ⊕ SITE BENCHMARK
- E/E EDGE OF ROAD TO EDGE OF ROAD
- B/B BACK TO BACK OF CURB
- DRAINAGE DIRECTION



SMH Consultants
By: Tim Sloan

Tim Sloan
Tim Sloan, P.S.
Vice-President



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Drawn By: RJC Project #2404-0146 TDS #96

From: [Pam Chaffee \[KDHE\]](#)
To: [Matt Kralik](#)
Cc: [Dan Blankenau](#); [Larry Dostal](#); [Heather Biebl](#); [Brooklyn Armijo \[KDHE\]](#); [Chris Anderson \[KDHE\]](#)
Subject: RE: Grout Variance - 19th St. 66 Station Site, 1843 Massachusetts, Lawrence, Douglas County, KS
Date: Wednesday, March 20, 2024 6:18:59 PM

Matt Kralik
Coranco Great Plains (#594)

Matt,

Due to the excavated area and remedial activities ongoing at the site, KDHE/BOW will approve the placement of the annular seal grout to a depth of three (3) feet in the two (2) dual-purpose wells requested at the referenced site (KDHE Project Code: U4-023-01681), on the following condition: When these wells are to be plugged, either:

- Make every effort to remove all screen and casing and fill the hole with neat cement grout, or
- Over-excavate the hole and remove more than three (3) feet of casing below ground surface before filling the screen/casing with approved grout including a mushroom-shaped grout plug above the remaining casing and annular space.

All other KDHE/BOW requirements for monitoring well construction must be met.

Please let us know if you have any questions.

Pamela K. Chaffee, P.G.
Water Well & Technical Support Program
Geology & Well Technology Unit/Bureau of Water
Kansas Department of Health and Environment
1000 SW Jackson, Suite 420
Topeka, KS 66612-1367
785-296-3565 (office phone)
785-224-5259 (cell phone)
pam.chaffee@ks.gov
<https://www.kdhe.ks.gov/347/Water-Well-Program>

From: Matt Kralik <mkralik@corancogreatplains.com>
Sent: Wednesday, March 20, 2024 12:26 PM
To: Brooklyn Armijo [KDHE] <Brooklyn.Armijo@ks.gov>; Pam Chaffee [KDHE] <Pamela.Chaffee@ks.gov>
Cc: Dan Blankenau <dblankenau@corancogreatplains.com>; Larry Dostal <ldostal@corancogreatplains.com>; Heather Biebl <hbiebl@corancogreatplains.com>
Subject: Grout Variance

EXTERNAL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Brooklyn,

I would like to submit a variance request for two replacement monitoring wells at 19th Street 66 at

1843 Massachusetts Street in Lawrence (KDHE Project Code: U4-023-01681). The top of screen of these monitoring wells will be three feet below grade. They serve a dual purpose of groundwater monitoring and vacuum response from a remedial system. Grout will be from 1' to 3'.

The well is being installed through a remedial excavation where groundwater on site has historically been very shallow. The remedial design has been approved by KDHE – BER. If you have any questions or need additional information please contact us.

Thanks,

Matthew M. Kralik, P.E.
Senior Engineer
Coranco Great Plains, Inc.
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Wahoo, NE 68066
(402) 443-4340