

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.



WATER RESOURCES RECEIVED

APR 18 2019

1047

KS DEPT OF AGRICULTURE

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McGlaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 50240
This item to be completed by the Division of Water Resources.

APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE

Filing Fee Must Accompany the Application
(Please refer to Fee Schedule attached to this application form.)

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,
1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): CITY OF MILTONVALE
Address: P.O. Box 248
City: MILTONVALE State KANSAS Zip Code 67466-0248
Telephone Number: (785) 427 3380

2. The source of water is: surface water in - NA -
(stream)
OR groundwater in SMOKY HILL RIVER DRAINAGE BASIN
(drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 33.078 ^{MILLION} gallons per calendar year,
to be diverted at a maximum rate of 800 gallons per minute OR 33.078 cubic feet per second.
LIMITED TO 33.078 MGY + 800 G.P.M. WHEN COMBINED WITH PREVIOUS WATER RIGHTS.
Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):
(a) Artificial Recharge (b) Irrigation (c) Recreational (d) Water Power
(e) Industrial (f) Municipal (g) Stockwatering (h) Sediment Control
(i) Domestic (j) Dewatering (k) Hydraulic Dredging (l) Fire Protection
(m) Thermal Exchange (n) Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

For Office Use Only:
F.O. 3 GMD Meets K.A.R. 5-3-1 (YES/NO) Use MUN Source (G/S) County CD By DAW Date 4/18/19
Code REG Fee \$ 200 TR # _____ Receipt Date 4/18/19 Check # 32107

4/23/2019 CLM

5. The location of the proposed wells, pump sites or other works for diversion of water is:

Note: For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

GEOGRAPHIC CENTER

(A) One in the SW quarter of the SE quarter of the SE quarter of Section 17, more particularly described as being near a point 554 feet North and 902 feet West of the Southeast corner of said section, in Township 8 South, Range 1 East West (circle one), CLOUD County, Kansas.

WELL NO. 9 PDIV 82275

(B) One in the SW quarter of the SE quarter of the SE quarter of Section 17, more particularly described as being near a point 322 feet North and 81.7 feet West of the Southeast corner of said section, in Township 8 South, Range 1 East West (circle one), CLOUD County, Kansas.

WELL NO. 10 PDIV 82543

(C) One in the NW quarter of the SE quarter of the SE quarter of Section 17, more particularly described as being near a point 785 feet North and 987 feet West of the Southeast corner of said section, in Township 8 South, Range 1 East West (circle one), CLOUD County, Kansas.

(D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

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-NA-
(name, address and telephone number)

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-NA-
(name, address and telephone number)

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You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 11, 2019.

Richard J. Wright
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of A BATTERY OF TWO WELLS (number of wells, pumps or dams, etc.) and (was)(will be) completed (by) WELL NO. 9 = 9/15/2014 ; WELL NO. 10 = 6/28/2017. (Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be ASAP (Mo/Day/Year)

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?

Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

If yes, show the Water Structures permit number here - NA -

If no, explain here why a Water Structures permit is not required _____

THIS IS AN APPLICATION FOR A GROUNDWATER WATER RIGHT.

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

POINT OF DIVERSION = FILE No. CD 002

PLACE OF USE = FILE No. CD 002 & 36,004.

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TABLE 6
 PROJECTED WATER DEMAND IN THOUSANDS OF GALLONS
 BY COUNTY BY PUBLIC WATER SUPPLIER BY SELECTED YEAR
 2000, 2010, 2020, 2030 and 2040

County ID	Name of Public Water Supplier	Year				
		2000	2010	2020	2030	2040
BU	Cassoday	6,345	6,809	7,235	7,699	8,164
BU	Douglass	55,410	58,712	62,014	65,346	68,648
BU	El Dorado	2,206,814	2,410,998	2,615,342	2,819,526	3,023,711
BU	Elbing	6,159	7,008	7,857	8,705	9,554
BU	Latham	5,024	5,105	5,186	5,267	5,321
BU	Leon	30,417	33,507	36,634	39,724	42,815
BU	Potwin	14,427	14,954	15,481	16,009	16,536
BU	PWWSD No. 8	54,597	68,316	82,083	95,886	109,607
BU	Rose Hill	129,539	167,595	205,690	243,747	281,842
BU	Towanda	40,789	45,579	50,370	55,161	59,951
BU	Whitewater	21,170	22,484	23,798	25,112	26,426
CA	Ashland	87,171	82,554	77,938	73,321	68,705
CA	Englewood	15,669	14,799	13,928	13,058	12,187
CA	Minneola	48,461	49,007	49,553	50,031	50,577
CD	Aurora	3,504	3,322	3,176	2,993	2,847
CD	Cloud RWD #01	25,824	25,824	25,824	25,824	25,824
CD	Clyde	38,203	36,884	35,565	34,246	32,927
CD	Concordia	330,890	342,426	354,016	365,552	377,087
CD	Glasco	18,871	17,880	16,924	15,932	14,976
CD	Jamestown	12,844	12,047	11,249	10,452	9,654
CD	Miltonvale	24,522	26,283	28,091	29,853	31,660
CF	Burlington	124,528	129,089	133,649	138,210	142,771
CF	Coffey RWD #02	76,403	89,963	103,524	117,235	130,835
CF	Coffey RWD #03	55,264	77,018	94,011	99,746	105,527
CF	Gridley	10,685	11,084	11,484	11,884	12,283
CF	Lebo	41,524	46,606	51,644	56,683	61,765
CF	Leroy	22,711	23,330	23,988	24,607	25,265
CF	New Strawn	18,630	20,075	21,520	22,966	24,411
CF	Waverly	22,922	23,543	24,163	24,784	25,404
CK	Baxter Springs	326,509	329,012	331,516	334,020	336,524
CK	Cherokee RWD #01	23,800	26,025	28,249	30,516	32,741
CK	Cherokee RWD #02	32,485	41,537	50,589	59,641	68,730
CK	Cherokee RWD #03	71,482	80,811	90,140	99,426	108,755
CK	Cherokee RWD #04	77,499	92,019	106,486	120,952	135,419
CK	Cherokee RWD #05	18,104	20,980	23,908	26,783	29,711
CK	Cherokee RWD #06	7,240	7,558	7,875	8,161	8,479
CK	Cherokee RWD #07	5,974	6,689	7,404	8,120	8,835
CK	Cherokee RWD #08	24,279	25,807	27,364	28,893	30,450
CK	Columbus	194,262	207,244	220,279	233,261	246,296
CK	Galena	179,481	177,456	175,431	173,406	171,381
CK	Hoag Water District	1,351	1,643	1,935	2,227	2,519
CK	Roseland	2,847	2,904	2,961	2,989	3,046
CK	Scammon	23,724	23,875	23,976	24,127	24,228

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WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

CD2

#9

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Cloud Fraction SW 1/4 NW 1/4 SE 1/4 SE 1/4 Section Number 17 Township Number T 8 S Range Number R 1 E W

2 WELL OWNER: Last Name: Business: City of Miltonvale Address: 107 Starr Ave. City: Miltonvale State: KS ZIP: 67466 Street or Rural Address where well is located: In city limits of Miltonvale, corner of Oak & Starr Ave.

3 LOCATE WELL WITH 'X' IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 95 ft. Depth(s) Groundwater Encountered: 1) 18 ft. 2) ... 3) ... 4) Dry Well WELL'S STATIC WATER LEVEL: 18 ft. below land surface, measured on (mo-day-yr) 09/15/2014

5 Latitude: 39.352131 Longitude: 97.447997 Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model) Land Survey Topographic Map Online Mapper

6 Elevation: 1371 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply: well ID #9 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 12 in. to 45 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 24 in. Weight 12.52 lbs./ft. Wall thickness or gauge No. 490 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 45 ft. to 95 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 35 ft. to 95 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 5 ft. to 25 ft., From .25 ft. to 35 ft., From ft. to ft.

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) Direction from well? S Distance from well? 150 ft.

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-2 Topsoil, 2-4 Clay, gray, 4-5 Ironstone, 5-21 Clay, tan and gray w/sandstone streaks, 21-31 Sandstone, brown, 31-90 Sandstone, tan, 90-90.5 Clay, gray and tan, 90.5-95 Sandstone, tan, 95 Sandstone, light red. Includes stamp: WATER RESOURCES RECEIVED APR 18 2019 KS DEPT OF AGRICULTURE

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 09/15/2014 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo-day-year) 10/02/2014 under the business name of Peterson Irrigation, Inc.

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WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

CD002

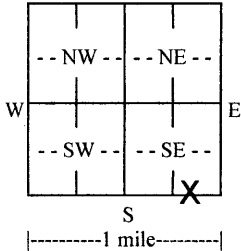
Well ID

PWS-10

1 LOCATION OF WATER WELL: County: Cloud Fraction SE 1/4 SW 1/4 SE 1/4 SE 1/4 Section Number 17 Township Number T 8 S Range Number R 1 E W

2 WELL OWNER: Last Name: Business: City of Miltonvale Address: PO Box 248 City: Miltonvale State: KS ZIP: 67466 Street or Rural Address where well is located: SW corner of E Pine and E 1st

3 LOCATE WELL WITH 'X' IN SECTION BOX: N



4 DEPTH OF COMPLETED WELL: 90 ft. Depth(s) Groundwater Encountered: 1) 21 ft. 2) 21 ft. 3) 21 ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 12 ft. below land surface, measured on (mo-day-yr) 06/28/2017

5 Latitude: 39.350837 Longitude: 97.447390 Datum: WGS 84 Source for Latitude/Longitude: GPS

6 Elevation: 1371 ft. Ground Level TOC Source: Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply: well ID PWS-10 6. Dewatering 7. Aquifer Recharge 8. Monitoring 9. Environmental Remediation 10. Oil Field Water Supply 11. Test Hole 12. Geothermal 13. Other

Was a chemical/bacteriological sample submitted to KDHE? No Water well disinfected? Yes

8 TYPE OF CASING USED: PVC CASING JOINTS: Clamped Welded Threaded Casing diameter 12 in. to 90 ft. Casing height above land surface 24 in. Weight SDR17

TYPE OF SCREEN OR PERFORATION MATERIAL: Stainless Steel

SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot

SCREEN-PERFORATED INTERVALS: 50 ft. to 90 ft. GRAVEL PACK INTERVALS: 35 ft. to 90 ft.

9 GROUT MATERIAL: Portland Cement Grout Intervals: 5 ft. to 25 ft., 25 ft. to 35 ft.

Nearest source of possible contamination: Abandoned Water Well Direction from well? West Distance from well? 20 ft.

LITHOLOGIC LOG table with columns FROM, TO, LITHO. LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-10 Brown Clay, 10-81 Sandstone, yellow and tan, 81-90 Shale, gray.

Notes:

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11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 06/28/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 760. This Water Well Record was completed on (mo-day-year) 06/28/2017 under the business name of Associated Drilling, Inc.

April 16/2019
(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
109 SW 9th Street, 2nd Floor
Topeka, Kansas 66612-1283

Re: Application
File No. 50240

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met.

I also understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. I realize that this could affect the economics of my decision to appropriate water.

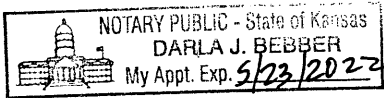
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Richard J. Wright Jr
Signature of Applicant

State of Kansas)
County of Cloud) ss

Richard J Wright Jr
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 11 day of April, 2019.



Darla J Bebbler
Notary Public

My Commission Expires: 5/23/2022

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**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
→ Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River

1320 Research Park Drive
Manhattan, KS 66502
785-564-6700
www. agriculture.ks.gov



900 SW Jackson, Room 456
Topeka, KS 66612
785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

April 22, 2019

FILE COPY

CITY OF MILTONVALE
PO BOX 248
MILTONVALE, KS 67466

RE: Application, File No. **50240**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application for a permit to appropriate water for beneficial use. Your application has been assigned the file number referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application is unlawful.

Additional information about the process may be found on our website at agriculture.ks.gov/divisions-programs/dwr. If you have any other questions, please contact our office at 785-564-6640 or your local Stockton Field Office at 785-425-6787. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in cursive script that reads "Kristen A. Baum".

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program