

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.

WELL No. 7

WATER RESOURCES RECEIVED

JUL 22 2021 11:50 AM

KS DEPT OF AGRICULTURE

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES Earl D. Lewis Jr., Chief Engineer

File Number 50612 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): Rural Water District No. 1, Cowley County Address: 33191 Tower Road City: Arkansas City State Kansas Zip Code 67005-6400 Telephone Number: (620) 442-0753

2. The source of water is: [] surface water in (stream) OR [x] groundwater in Arkansas 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 30,003,000 gallons per calendar year, to be diverted at a maximum rate of 150 gallons per minute OR 63,834 M-g-j. w/ COMB. w/ SENIOR 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) [x] 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. Code 2 GMD Meets K.A.R. 5-3-1 (YES/NO) Use MUN Source G/S County CL By BMM Date 7/26/21 Fee \$ 200 TR # Receipt Date 7/22/21 Check # 13448

7/28/2021 AFreeman 7/28/2021 LMoody

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.

(A) One in the NC quarter of the SW quarter of the NE quarter of Section 6, more particularly described as being near a point 3,290 feet North and 1,820 feet West of the Southeast corner of said section, in Township 35 South, Range 4 East ~~West (circle one)~~, Cowley County, Kansas.

(B) 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.

(C) 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.

(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):

N/A

(name, address and telephone number)

N/A

(name, address and telephone number)

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 7-7, 2021. Arden Sunk
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 one (1) well, etc.
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) _____
ASAP
(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)

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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 N/A
- 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.

Place of Use: File Nos. 8,382; 22,157; 37,768; 37,769; 50,303 and other new application.

Point of Diversion: File No. 37,768.

File No. JUL 22 2021

13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from: Test holes Well as completed Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	10/03/1985			
Total depth of well	40'			
Depth to water bearing formation	15'			
Depth to static water level	15'			
Depth to bottom of pump intake pipe	Unknown			

14. The relationship of the applicant to the proposed place where the water will be used is that of owner (owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

N/A
(name, address and telephone number)

N/A
(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.


Dated at Arkansas City, Kansas, this 7 day of July, 2021
(month) (year)

Andrew Smile
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by _____ (office/title)

Date: _____


Please send a copy of all correspondence, including application acknowledgment letter, to:

Douglas S. Helmke, P.G.
Kansas Rural Water Assn.
6847 SE 29th Street
Tecumseh, Kansas 66542-9571

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FEE SCHEDULE

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

ACRE-FEET	FEE
0-100	\$200.00
101-320	\$300.00
More than 320	\$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof.

2. The fee for an application in which storage is requested, except for domestic use, shall be:

ACRE-FEET	FEE
0-250	\$200.00
More than 250	\$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof.

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet



Specific Water Well Detail

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Well T35S, R4E, Sec. 6, SE SW NE, Action: Constructed

Location Info	
Owner: Cowley County RWD 1	Status: Constructed
Location: T35S, R4E, Sec. 6, SE SW NE	County: Cowley
Directions: from Arkansas City: 1 mi S	
Latitude: 37.0353289	Longitude: -97.0269558 Datum NAD 27
Latitude: 37.0353587	Longitude: -97.0272713 Datum NAD 83
Longitude and latitude calculated by Survey from township-range-section-quarter calls. Only good to within the quarter call accuracy.	
View well on interactive map This link will create a new window and display an interactive map of this well and its neighbors.	
General Info	
Well Depth: 40 ft.	Elevation: ft.
Static Water Level: 15 ft.	Est. Yield: gpm.
Comp. Date: 03-Oct-1985	Well Use: Public Water Supply
DWR Applic. #:	Other ID: Well 7
Links	
No Wizard information available.	
View info from WIMAS Water Right Data base...	
Driller Info	
Driller: Layne-Christensen Co.	License #: 102
Scanned Form	
View scan of this form in PDF format.	
You will need the Acrobat PDF Reader , available free from Adobe, to read this file.	
Chemical Sample Submitted?: No	
Water Well disinfected?:	
Ground water encountered: 15 ft. , 0 ft. , 0 ft.	
Pump test data: Well water was 19 ft after 24 hours pumping 450 gpm	
Casing Info	
Casing Type: Steel	Diam: 12 in. to 28 ft
Casing Joints:	Diam: 10 in. to 12 ft
	Diam: 0 in. to 0 ft
Casing height above land surface: in	
Casing Weight: lbs/ft	
Wall thickness or gauge no.:	
Screen and Perforation Info	
Screen Type: Stainless Steel	Screen Openings: Wire wrapped
Screen-perforated intervals	From: 28 ft to 40 ft
	From: 0 ft to 0 ft
	From: 0 ft to 0 ft
Gravel pack intervals	From: ft to ft
Grout Info	
Grout used: Cement grout	From: 0 to 20 ft
	From: 0 to 0 ft
	From: 0 to 0 ft
Source of Possible Contamination	
Source:	
Direction from well:	Distance: 0 ft
Lithologic Log (Log data entered by KGS.)	
From: 0 ft. to 2 ft.	sandy top soil
From: 2 ft. to 7 ft.	fine yellow sand
From: 7 ft. to 41 ft.	medium sand and gravel with flat rock mixed in

Applicant's Name COWLEY RWD 1
 (Please Print)

MUNICIPAL (PUBLIC WATER SUPPLY) APPLICATION SUPPLEMENTAL INFORMATION SHEET

Application File Number _____

(assigned by DWR)

**SECTION 1: PRESENT WATER USE SUMMARY (IF NO PREVIOUS MUNICIPAL WATER USE HAS BEEN UTILIZED, PROCEED TO SECTION 3)
 NOTE: WORKSHEET FOR WATER PUMPED, PURCHASED, AND SOLD BY YOUR WATER DISTRIBUTION SYSTEM.**

Column 1 2018 Raw Water Diverted Under Your Rights	Column 2 Water Purchased From All Sources	Column 3 Water Sold to Other Public Water Suppliers	Column 4 Water Sold to Your Industrial, Stock, and Bulk Customers	Column 5 Water Sold to Your Residential and Commercial Customers	Column 6 Other Metered Water	Column 7 Remaining Water Used (See Below Explanation)	
46,573,000	---	---	---	41,000,000	1,758,000	3,815,000	
TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6				UNACCOUNTED FOR WATER	

UNACCOUNTED FOR WATER = TOTAL WATER - ACCOUNTED FOR WATER

- Column 1: The amount of raw water diverted from all of your points of diversion.
- Column 2: The amount of water purchased wholesale from all other public water supply systems or the Kansas Water Office.
- Column 3: The amount of water sold wholesale to all other public water supply systems.
- Column 4: The amount of water sold retail to all industrial, pasture, stockwater, feedlot, and bulk water service connections. Include the amount of water sold to all farmsteads using at least 200,000 gallons of water per year.
- Column 5: The amount of water sold retail to your residential and commercial customers and to industries and farmsteads using less than 200,000 gallons of water per year.
- Column 6: The amount of water used that is metered at individual service connections and supplied free, such as for public service, treatment processes, and connections receiving free water.
- Column 7: The amount of remaining water used. The gallons reported in this column are found by adding the numbers in Columns 1 and 2 and subtracting the numbers in Columns 3, 4, 5, and 6.

UNACCOUNTED FOR WATER

Use the following to calculate your distribution system's Unaccounted For Water:

Start with the amount in Column 1 and add the amount in Column 2, then subtract the amounts in Columns 3, 4, 5, and 6 leaving an amount of water representing your unaccounted for water to enter in Column 7.

Use the following to calculate the percent Unaccounted For Water versus the Total Water of your system:

$$\text{Percent Unaccounted For Water} = \frac{\text{Unaccounted For Water}}{\text{Total Water (Columns 1,2)}} \times 100$$

If this number exceeds 20%, please explain the large amount of unaccounted for water and describe any steps being taken to reduce it.

SECTION 2: PAST WATER USE

COMPLETE THE FOLLOWING TABLE FROM YOUR PAST WATER USE RECORDS.

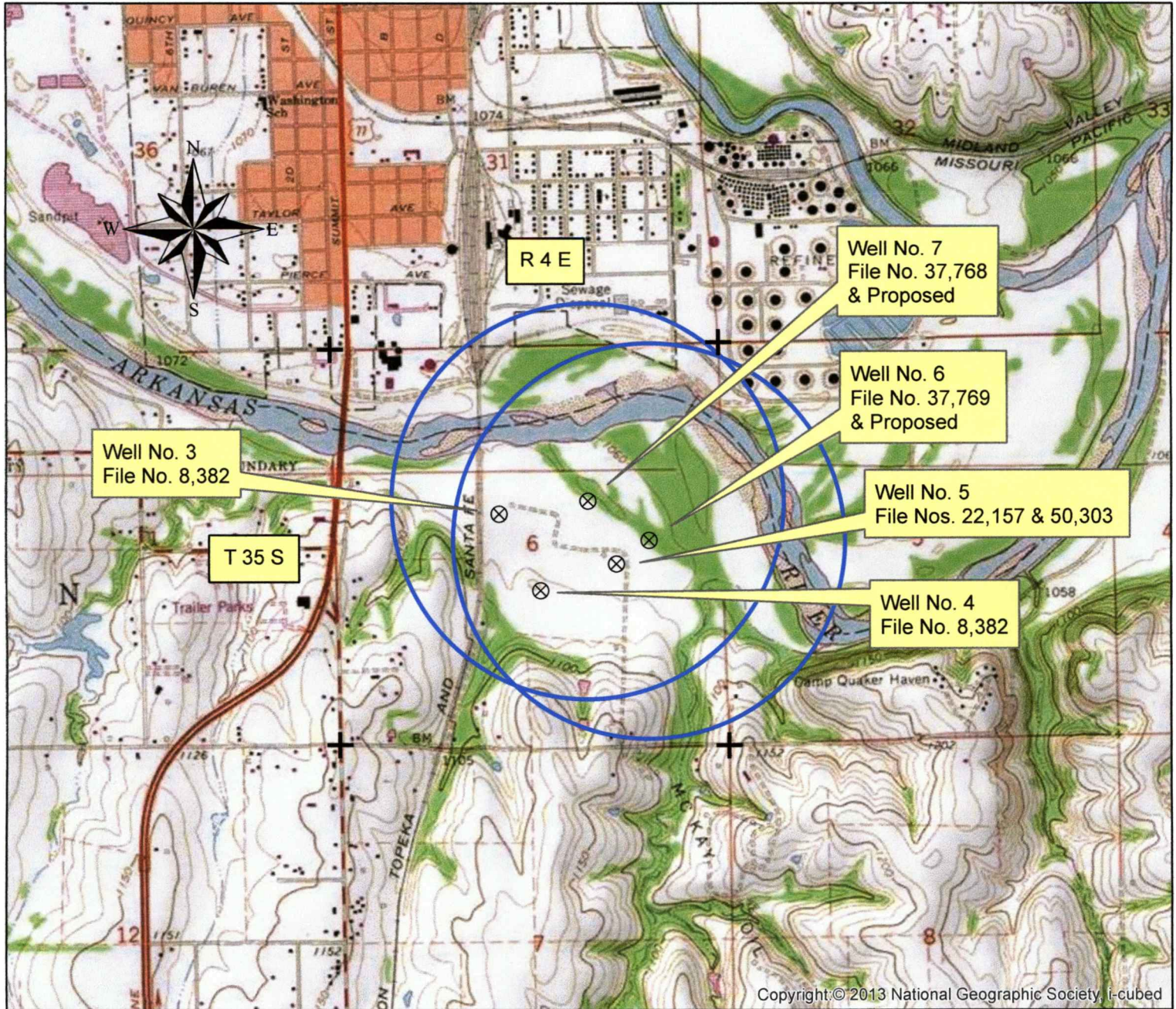
	Column 1 Raw Water Diverted Under Your Rights	Column 2 Water Purchased From All Sources	Column 3 Water Sold to Other Public Water Suppliers	Column 4 Water Sold to Your Industrial, Stock, and Bulk Customers	Column 5 Water Sold to Your Residential and Commercial Customers	Column 6 Other Metered Water	Column 7 Remaining Water Used (See Above Explanation)
20 years ago 1999	58,478,000	---	---	---	40,440,000	9,594,000	8,444,000
15 years ago 2004	41,878,000	---	---	---	38,269,000	436,000	3,173,000
10 years ago 2009	41,211,000	---	---	---	38,215,000	606,000	2,390,000
5 years ago 2014	46,727,000	---	---	---	41,931,000	532,000	4,264,000
	TOTAL WATER = Columns 1 + 2		ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6				UNACCOUNTED FOR WATER

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Rural Water District No. 1 Cowley County, Kansas

Application to Appropriate Water File No. _____

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0 1 2 Miles

Legend

⊗ PWS Well

All wells of every kind within ½ mile of the proposed and authorized wells have been plotted.

Andrew Sontk

(Signature)

DOUGLAS S. HELMKE
LICENSED
72
July 6, 2021
KANSAS
GEOLOGIST

**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

DATA ENTRY SYSTEM ID NUMBER SHEET

FILE NUMBER 50612

APPLICANT	PDIV ID	BATTERY ID
PERSON ID & SEQ #	<u>11178</u>	<u> </u>
<u>15205</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

LANDOWNER	PUSE ID
PERSON ID & SEQ #	<u>63735</u>
<u>15205</u>	<u>39926</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

WATER USE CORRESPONDENT
PERSON ID & SEQ #
15205

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

July 29, 2021

RURAL WATER DISTRICT NO 1., COWLEY COUNTY
33191 TOWER ROAD
ARKANSAS CITY KS 67005

RE: Application, File No(s). **50612**

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application(s) for a permit to appropriate water for beneficial use. Your application(s) has been assigned the file number(s) 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(s) 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(s) 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 Stafford Field Office at 620-234-5311. *Stafford Field Office at 620-234-5311*. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Kris Neuhauser". The signature is fluid and cursive.

Kris Neuhauser
New Applications Lead
Water Appropriation Program