



THE STATE OF KANSAS

WATER RESOURCES RECEIVED
AUG 14 2024 11:39
KS Dept. of Agriculture

KANSAS DEPARTMENT OF AGRICULTURE
Mike Beam, Secretary of Agriculture

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

File Number 51294
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 Dexter
Address: PO Box 6
City: Dexter State KS Zip Code 67038
Telephone Number: (620) 876-5569

2. The source of water is: [ ] surface water in (stream)
OR [x] groundwater in Arkansas River 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 --- 18.4 --- acre-feet OR 6,000,000 gallons per calendar year, to be diverted at a maximum rate of 100 gallons per minute OR --- cubic feet per second.

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. 2 GMD - Meets K.A.R. 5-3-1 (YES/NO) Use MUN Source G/S County CL By KJN Date 8/15/24
Code REG Fee \$ 200 TR # Receipt Date 8-14-24 Check # 21488

AUG 14 2024

File No. \_\_\_\_\_

KS Dept. of Agriculture

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 SE quarter of the SW quarter of the NW quarter of Section 7, more particularly described as being near a point 2,850 feet North and 3,730 feet West of the Southeast corner of said section, in Township 33 South, Range 7 East, 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):

Applicant \_\_\_\_\_  
 (name, address and telephone number)

\_\_\_\_\_

(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 8th August, 2024 \_\_\_\_\_  
 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 well \_\_\_\_\_  
 (number of wells, pumps or dams, etc.)

and was completed (by) 9/30/2002 \_\_\_\_\_  
 (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 2002 \_\_\_\_\_  
 (Mo/Day/Year)



AUG 14 2024

File No. \_\_\_\_\_

KS Dept. of Agriculture

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 \_\_\_\_\_
- If no, explain here why a Water Structures permit is not required \_\_\_\_\_

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.

This applicaton will replace File No. 44430. There will be a place of use overlap with File No. 44429  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

AUG 14 2024

File No. \_\_\_\_\_

KS Dept. of Agriculture

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                            | 4/24/1971 | _____ | _____ | _____ |
| Total depth of well                     | 35'       | _____ | _____ | _____ |
| Depth to water bearing formation        | 20'       | _____ | _____ | _____ |
| Depth to static water level             | 14' 5"    | _____ | _____ | _____ |
| Depth to bottom of pump intake pipe     | _____     | _____ | _____ | _____ |

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

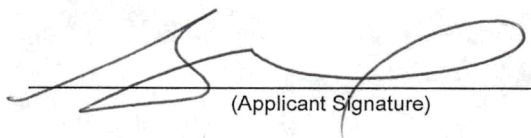
15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

Applicant  
(name, address and telephone number)

\_\_\_\_\_  
(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 DEXTER, Kansas, this 9<sup>th</sup> day of August, 2024.  
(month) (year)

  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

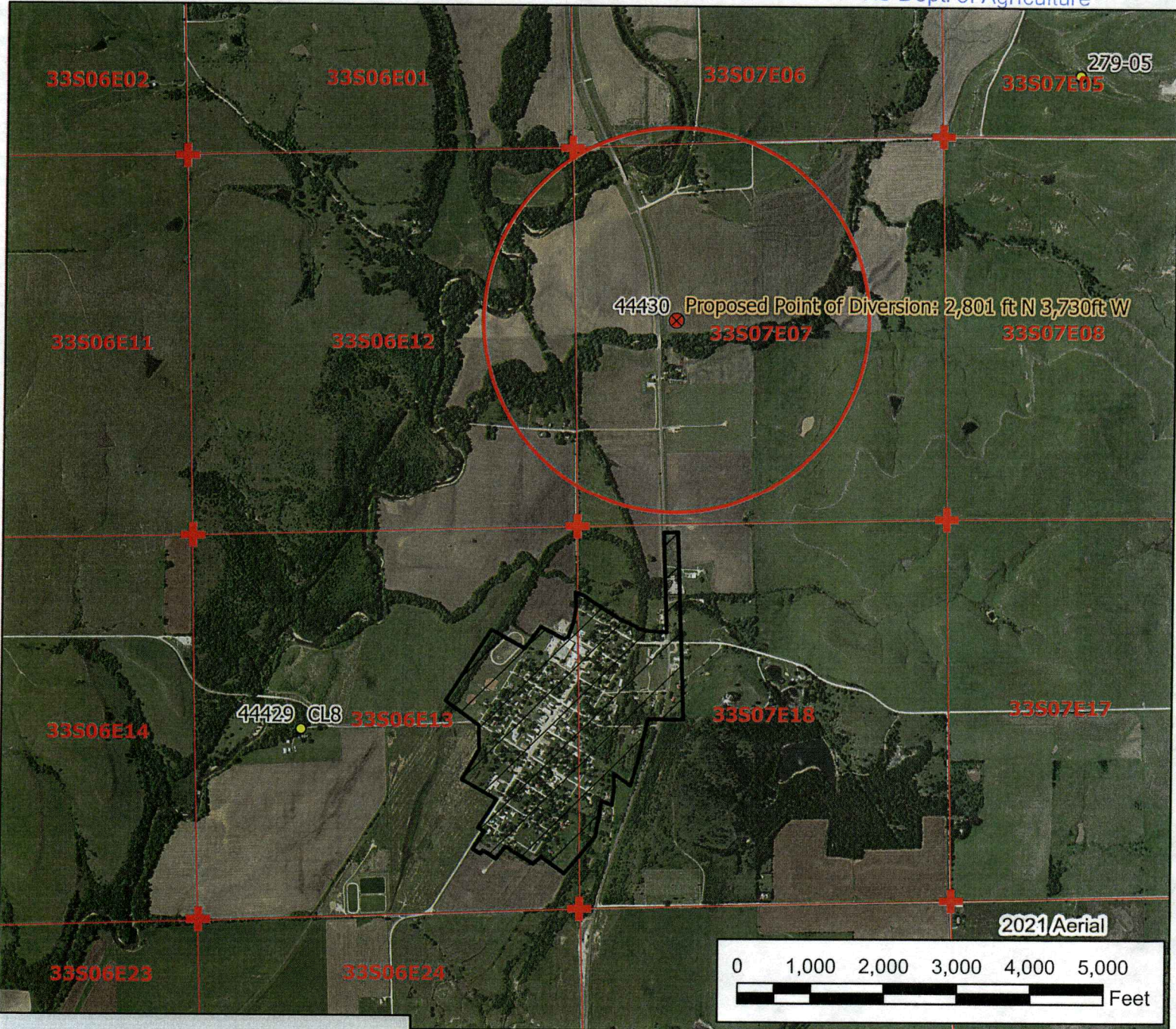
Steve Joyce  
(Agent or Officer, Please Print)

Assisted by EKF \_\_\_\_\_ ESII/SFFO \_\_\_\_\_ Date: 10/20/2023  
(office/title)



AUG 14 2024

KS Dept. of Agriculture



### Legend

- Water Appropriation
- ⊗ Proposed Point of Diversion
- Authorized Point of Diversion
- ★ Domestic Well
- + Section Corner
- Section Line
- Half Mile Circle
- Proposed Place of Use

**File No.** \_\_\_\_\_

## Permit to Proceed Application Map 7-33S-7E // Cowley County

To the best of my knowledge, all wells within one-half mile of the proposed well have been shown.

*[Signature]*  
 Signature / Date

8-8-24

10/20/2023 EKF/SFFO 1:24,000 scale





AUG 14 2024

KS Dept. of Agriculture

**City of Dexter**  
**Supplemental Information Sheet Calculations**

**Section 3:** We calculated a 10% increase in water usage every 5 years.

We took in to account a new housing project that just completed its first new home in July and the addition of sprinkler systems at the newly renovated school athletic facilities. The 10% is an ambitious estimated projection as it is difficult to determine numbers at this time.

**Section 4:** We projected the future population with the expectations of adding 1 new family home/year.

At the average of 2.48 persons/household that would equate to a conservative 9.92 persons increase over a 5-year period. We rounded that up to an even 10 persons.

Using the US Census Bureau data for 2023, our current population is 229 persons. We added 10 to that count every five years.

Applicant's Name City of Dexter  
(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                             | Column 2                         | Column 3   | Column 4   | Column 5  | Column 6            | Column 7                                     |  |
|--------------------------------------|----------------------------------|--|--|---|---------------------|--|--|
| Raw Water Diverted Under Your Rights | Water Purchased From All Sources | Water Sold to Other Public Water Suppliers         | Water Sold to Your Industrial, Stock, and Bulk Customers | Water Sold to Your Residential and Commercial Customers | Other Metered Water | Remaining Water Used (See Below Explanation) |  |
| 10,928                               | 156                              | 0  | 116  | 6,491   | 228                 | 4,249      33%                               |  |
| <b>TOTAL WATER = Columns 1 + 2</b>   |                                  | <b>ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6</b> |  |   |                     | <b>UNACCOUNTED FOR WATER</b>                 |  |

**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                             | Column 2                         | Column 3   | Column 4   | Column 5  | Column 6            | Column 7                                     |  |
|--------------|--------------------------------------|----------------------------------|--|--|---|---------------------|--|--|
|              | Raw Water Diverted Under Your Rights | Water Purchased From All Sources | Water Sold to Other Public Water Suppliers         | Water Sold to Your Industrial, Stock, and Bulk Customers | Water Sold to Your Residential and Commercial Customers | Other Metered Water | Remaining Water Used (See Above Explanation) |  |
| 20 years ago | 13,896                               | 0                                | 0  | 0  | 12,498  | 376                 | 1,769      13%                               |  |
| 15 years ago | unknown                              | unknown                          | —  | —  | —   | —                   | —  |  |
| 10 years ago | 7,782                                | 339                              | 0  | 0  | 6,237   | 28                  | 1,856      23%                               |  |
| 5 years ago  | 9,026                                | 0                                | 0  | 0  | 5,758   | 213                 | 3,055      34%                               |  |
|              | <b>TOTAL WATER = Columns 1 + 2</b>   |                                  | <b>ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6</b> |  |   |                     | <b>UNACCOUNTED FOR WATER</b>                 |  |

KS Dept. of Agriculture  
AUG 14 2024  
WATER RESOURCES RECEIVED



**SECTION 3: PROJECTED FUTURE WATER NEEDS**

PLEASE COMPLETE THE FOLLOWING TABLE SHOWING YOUR FUTURE WATER REQUIREMENTS FOR THE NEXT 20 YEARS:

|                             | Column 1                             | Column 2                         | Column 3                                    | Column 4   | Column 5  | Column 6            | Column 7   |  |
|-----------------------------|--------------------------------------|----------------------------------|---|--|---|---------------------|--|--|
|                             | Raw Water Diverted Under Your Rights | Water Purchased From All Sources | Water Sold to Other Public Water Suppliers  | Water Sold to Your Industrial, Stock, and Bulk Customers | Water Sold to Your Residential and Commercial Customers | Other Metered Water | Remaining Water Used (See Explanation on other side) |  |
| Year 5                      | 12,020                               | 171                              |   | 127  | 7,140   |                     |  |  |
| Year 10                     | 13,222                               | 188                              |   | 140  | 7,854   |                     |  |  |
| Year 15                     | 14,545                               | 207                              |   | 154  | 8,639   |                     |  |  |
| Year 20                     | 15,999                               | 228                              |   | 169  | 9,503   |                     |  |  |
| TOTAL WATER = Columns 1 + 2 |                                      |                                  | ACCOUNTED FOR WATER = Columns 3 + 4 + 5 + 6 |  |   |                     | UNACCOUNTED FOR WATER                                |  |

**SECTION 4: POPULATION AND SERVICE CONNECTIONS**

ESTIMATE THE NUMBER OF PERSONS DIRECTLY SERVED BY YOUR WATER DISTRIBUTION SYSTEM

PAST POPULATION - PROVIDE INFORMATION BELOW:  
(CENSUS BUREAU INFORMATION)

| LAST 20 YEARS | POPULATION |
|---------------|------------|
| 20 years ago  | 355        |
| 15 years ago  | 344        |
| 10 years ago  | 278        |
| 5 years ago   | 274        |
| Last Year     | 229        |

PROJECTED FUTURE POPULATION

ESTIMATE FUTURE POPULATION AND SUBSTANTIATE NUMBERS ON SEPARATE ATTACHMENTS

| NEXT 20 YEARS | POPULATION |
|---------------|------------|
| Year 5        | 239        |
| Year 10       | 249        |
| Year 15       | 259        |
| Year 20       | 269        |

Provide number of current active service connections:

127 Residential      0 Industrial      \_\_\_\_\_ Other (specify) \_\_\_\_\_  
17 Commercial      3 Pasture/ Stockwater/ Feedlot      147 Total

**SECTION 5: PRESENT GALLONS PER PERSON PER DAY**

CALCULATE YOUR GALLONS PER PERSON PER DAY

Water in Columns 5, 6, and 7 ÷ Population ÷ 365 Days/Year = Gallons per Person per Day

$\frac{10,680,000}{229} \div 365 \text{ Days/Year} = 131.22$  GALLONS PER PERSON PER DAY.

Amount of water in Columns 5, 6, and 7 of Section 1      Population from Last Year of Section 4

**SECTION 6: AREA TO BE SERVED**

Describe the area to be served or provide the legal description of the location where the water is to be used including any other city of water supply system (i.e. Rural Water District): \_\_\_\_\_

City of Dexter and immediate vicinity

You may attach additional information you believe will assist in informing the Division of the need for your request.

WATER RESOURCES RECEIVED  
 AUG 14 2024  
 KS Dept. of Agriculture



WATER RESOURCES  
RECEIVED

AUG 14 2024

KS Dept. of Agriculture

8-8-24

(Date)

Kansas Department of Agriculture  
Division of Water Resources  
Earl D. Lewis, Jr, Chief Engineer  
1320 Research Park Drive  
Manhattan, Kansas 66502

Re: Application  
File No. \_\_\_\_\_

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.

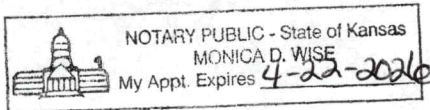
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

[Handwritten Signature]  
Signature of Applicant

STEVE JOYCE  
(Print Applicant's Name)

State of Kansas )  
County of Cowley ) ss

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 8<sup>th</sup> day of August, 2024.



Monica D. Wise  
Notary Public

My Commission Expires:



**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





# City of Dexter, Kansas

115 S Main P.O. Box 6

Dexter, Kansas 67038

Phone: 620.876.5569 Fax: 620.876.3216

WATER RESOURCES  
RECEIVED

AUG 14 2024

KS Dept. of Agriculture

City of Dexter  
115 South Main  
Dexter, Kansas 67038  
620-876-5569  
[cityofdexter@sktc.net](mailto:cityofdexter@sktc.net)

August 7, 2024

Earl D. Lewis Jr.  
Division of Water Resources  
Kansas Department of Agriculture  
1320 Research Park Drive  
Manhattan, Kansas 66502

Dear Mr. Lewis,

Enclosed is the completed APPLICATION FOR PERMIT TO APPROPRIATE WATER FOR BENEFICIAL USE and supporting documents for the City of Dexter as presented to us by Elizabeth K Fitch.

If you have questions or need any further information, please reach out to us at 620-876-5569. Thank you for efforts in assisting us with this request.

Respectfully,

Steve Joyce, Mayor  
City of Dexter



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

August 23, 2024

CITY OF DEXTER  
PO BOX 6  
DEXTER KS 67038

RE: Application, File No(s). **51294**

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](http://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. 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 written in a cursive style with a long horizontal flourish at the end.

Kris Neuhauser  
New Applications Lead  
Water Appropriation Program